

13 Sept

Graphics for Unused Briefings (5 Sets)

~~BRIEFING ITEMS -- SEPTEMBER 6, 1977~~

- ~~A. Europe and the EC~~
- ~~B. Middle East: Predicting War~~
- C. Soviet Tritium Production
- D. Crop Substitution Program for Opium in North Thailand
- E. Worldwide Research in Controlled Thermonuclear Fusion
- F. Spain-NATO
- G. Plans to Modernize Air and Naval Forces
- H. Latin American Nuclear Programs
- I. Nuclear Policies
- J. US Technologies Sought by the USSR

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TOP SECRET SENSITIVE

MIDDLE EAST: PREDICTING WAR

SOVIET TRITIUM PRODUCTION

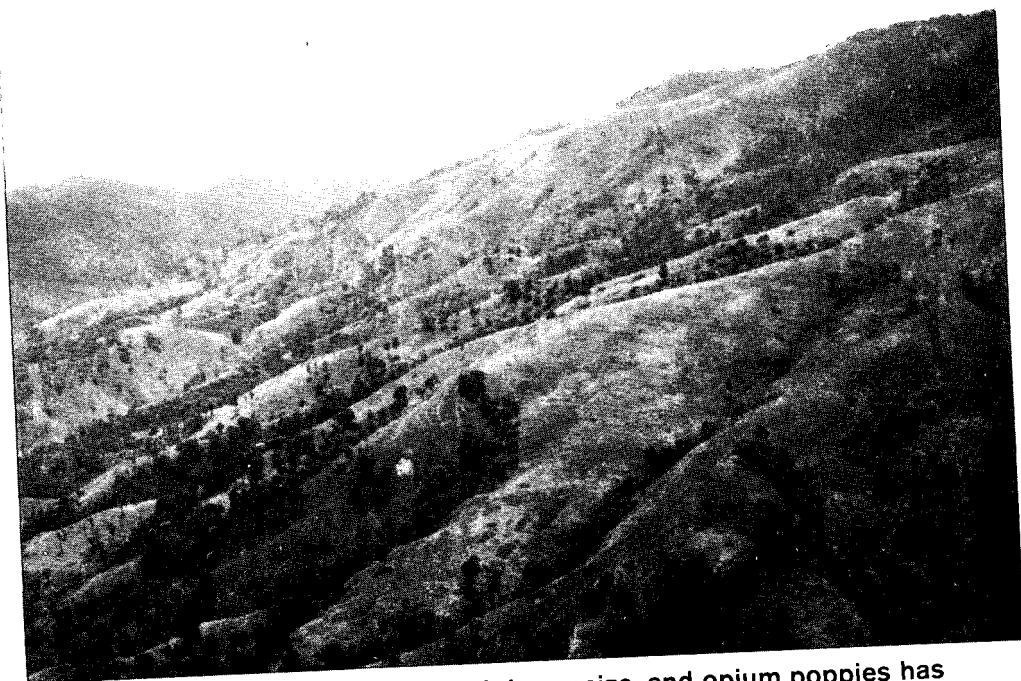
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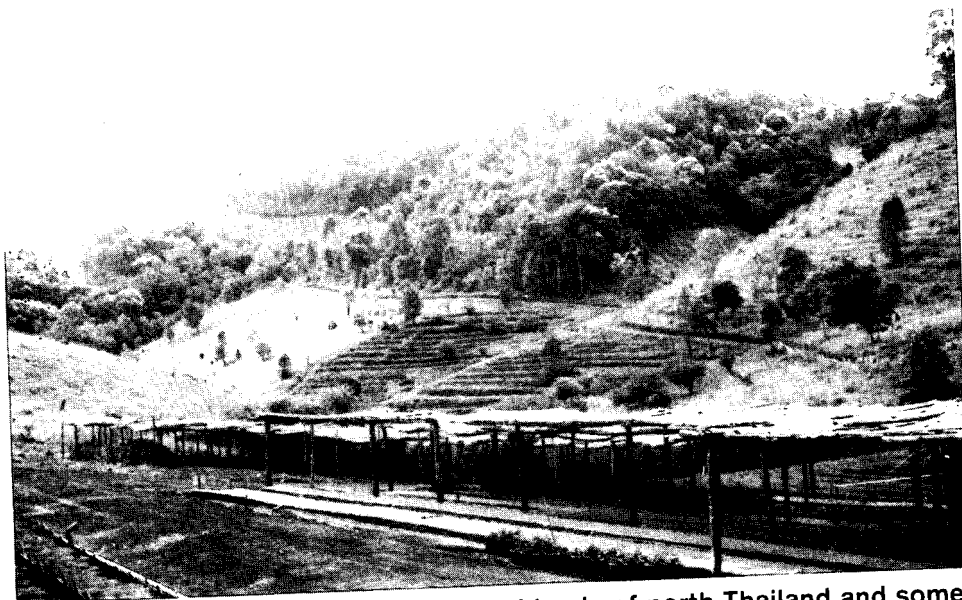
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CROP SUBSTITUTION PROGRAM FOR OPIUM IN NORTH THAILAND



Persistent slash and burn farming of rice, maize, and opium poppies has denuded vast areas of trees in north Thailand.

573493 7-77



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Mae Sa, once an opium growing Meo village is now used by the Thai for training extension agents and is a key experimental farming site where a number of substitute crops have proved successful.

573495 7-77

WORLDWIDE RESEARCH IN CONTROLLED THERMONUCLEAR FUSION

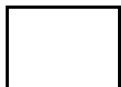
SPAIN-NATO

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: PLANS TO MODERNIZE AIR AND NAVAL FORCES

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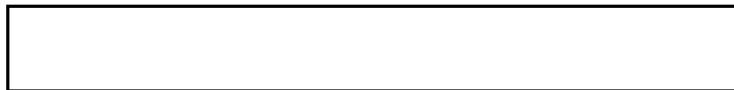
LATIN AMERICAN NUCLEAR PROGRAMS

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US TECHNOLOGIES SOUGHT BY THE USSR

US Technologies Sought by the USSR

Technologies Strictly Denied

Aircraft
Turbine blades for large thrust,
fuel efficient, high by-pass ratio
fan jet engines

Electronic engine controls

Semiconductor manufacturing
equipment

Computer Technology

Storage devices and other
peripherals

Superconducting magnets

Technologies Exported in
Exceptional Cases

Air Traffic Control Systems
(ATC) Civilian

Large computer systems (in excess
of 32 million bits/second)

Electronic instruments
Oscilloscopes, wideband recorders

Technologies sought; not denied

Petroleum Equipment

High capacity pumps, drill
pipe and bits, offshore rigs

Chemical production equipment

Automotive production technology

Large dump trucks, 75-180
tons for mining

Industrial type tractors

MIDDLE EAST: PREDICTING WAR

SOVIET TRITIUM PRODUCTION

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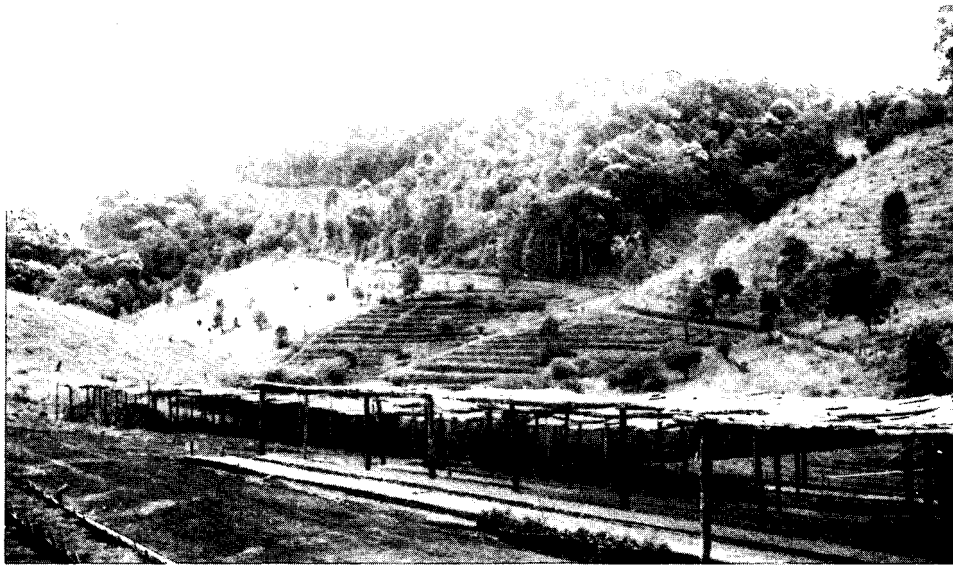
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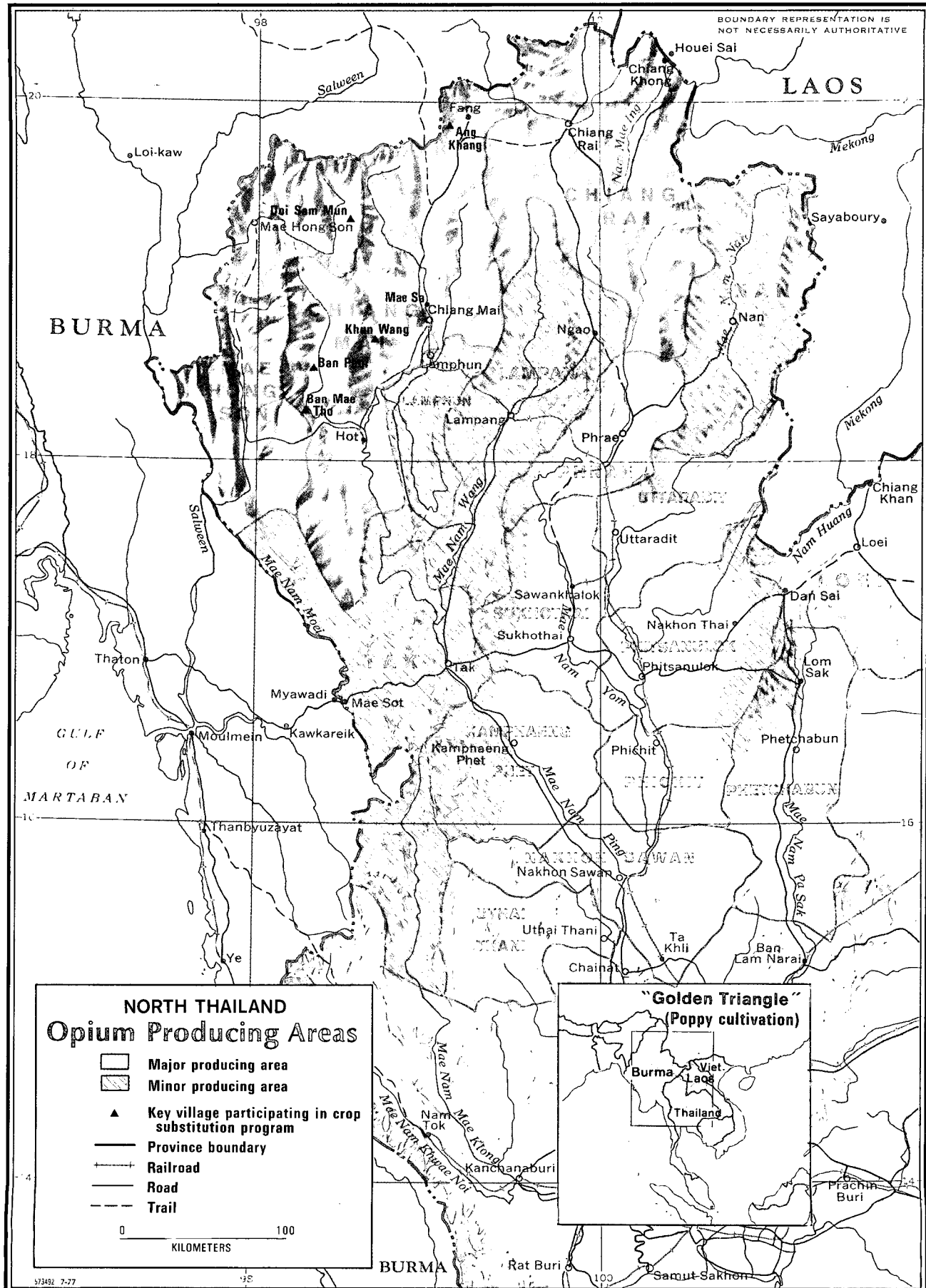
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WORLDWIDE RESEARCH IN CONTROLLED THERMONUCLEAR FUSION

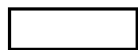
SPAIN-NATO

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PLANS TO MODERNIZE AIR AND NAVAL FORCES

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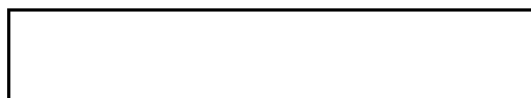
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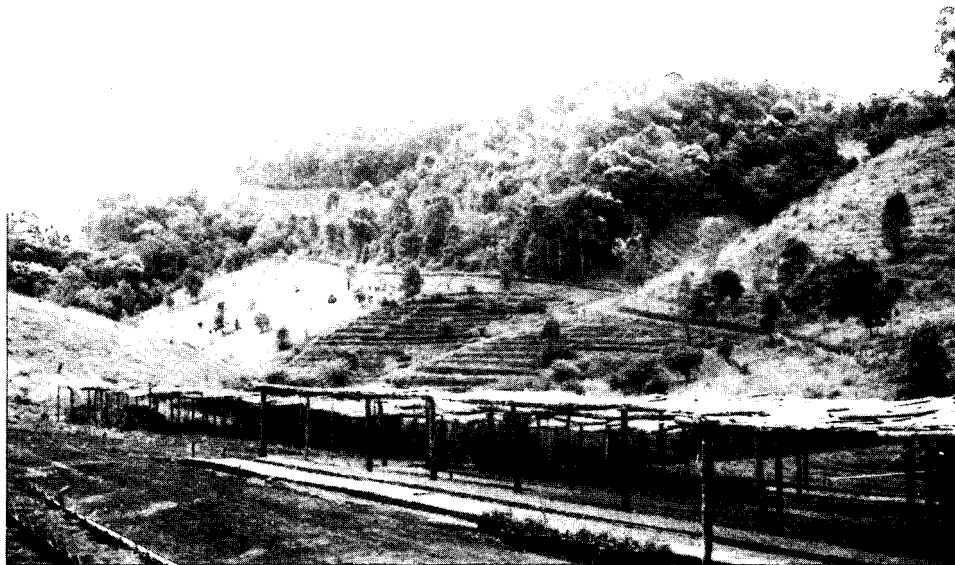
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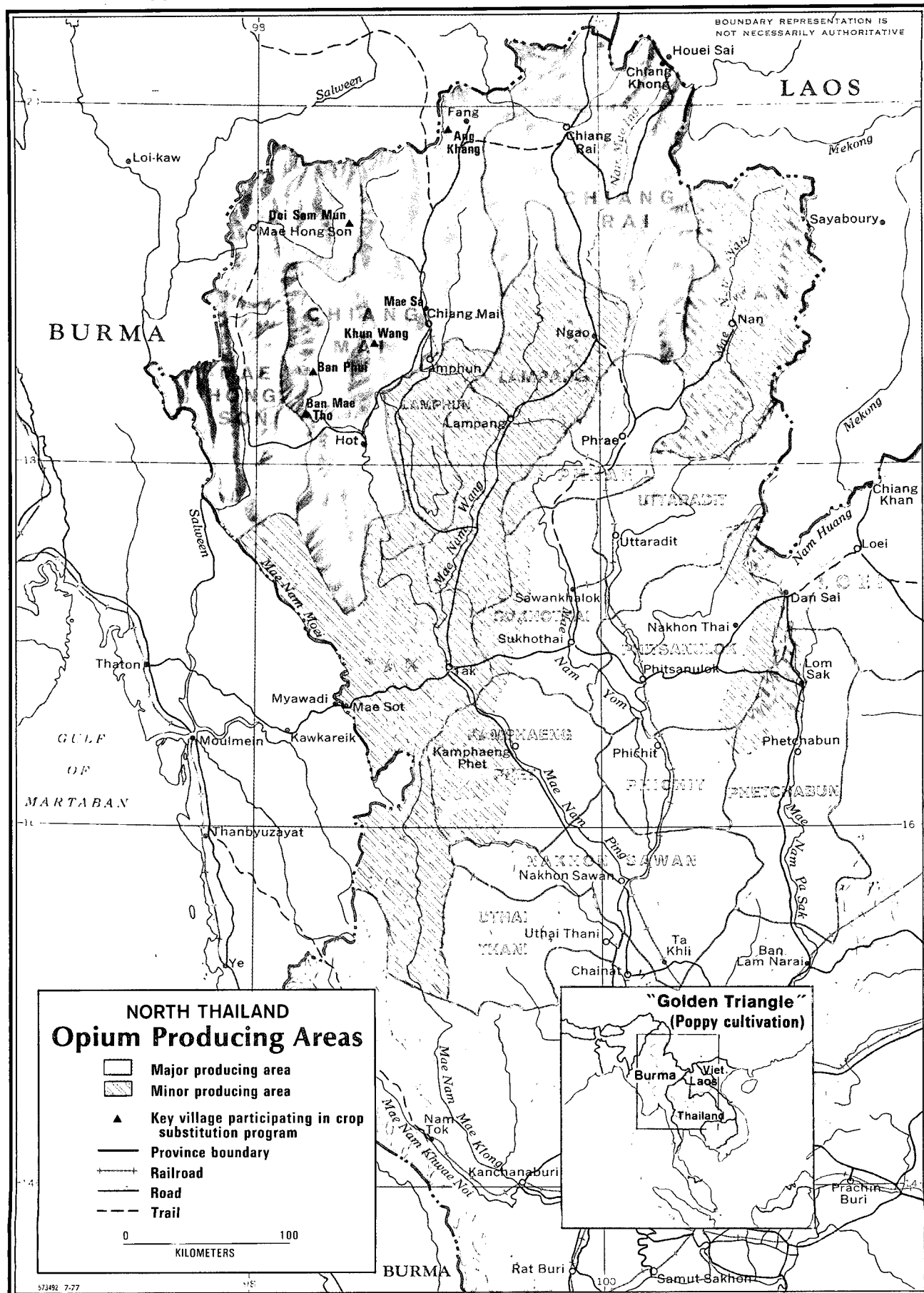
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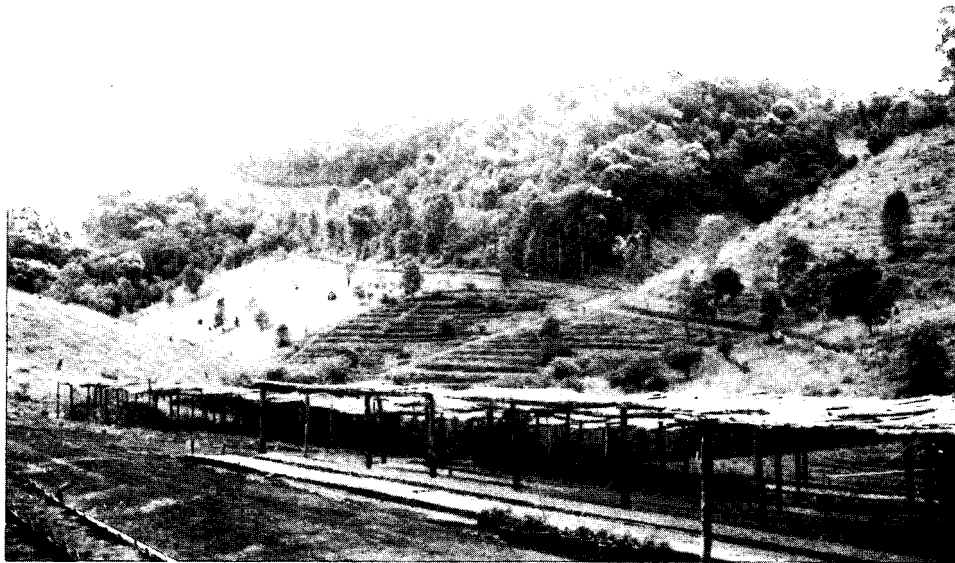
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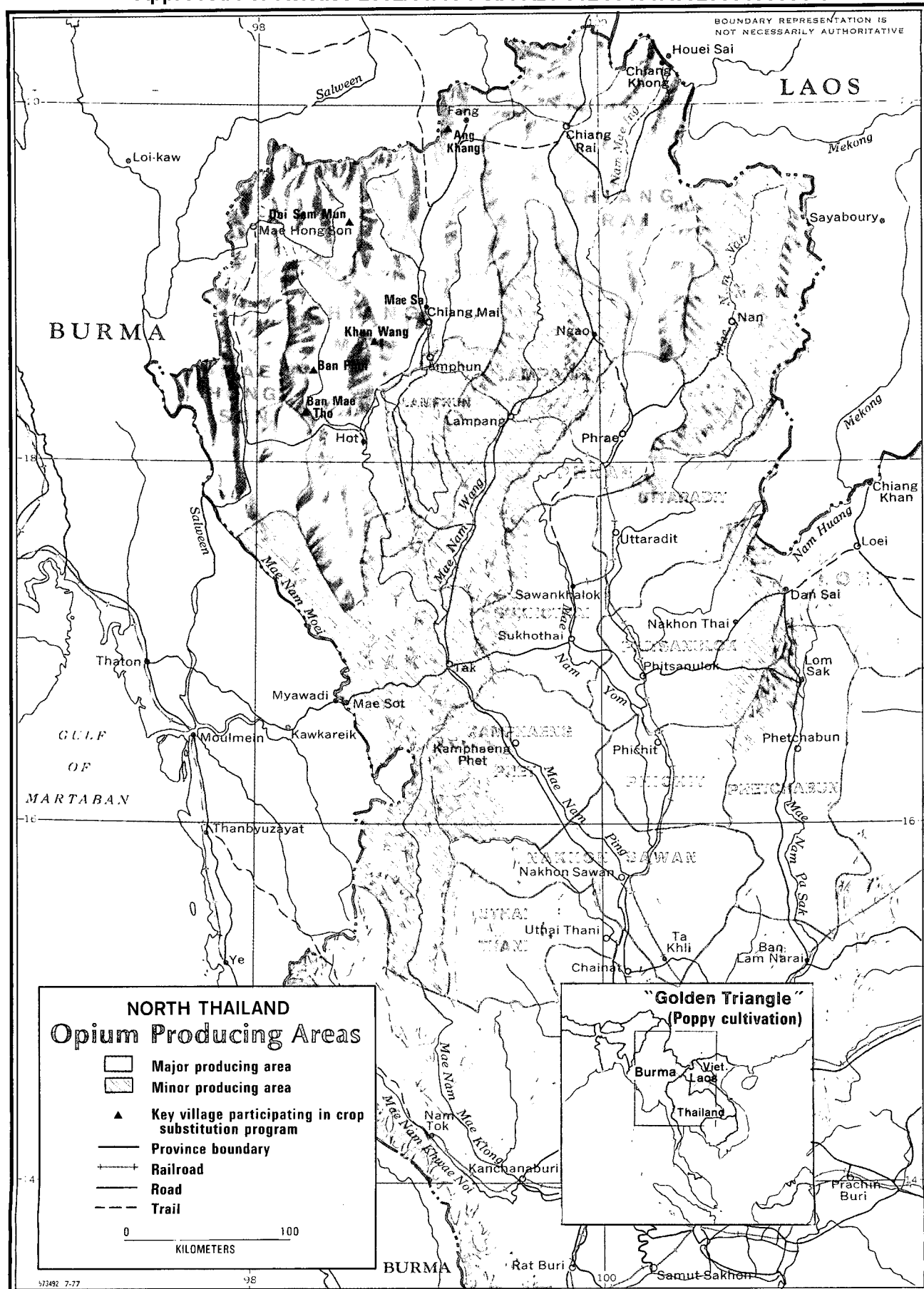
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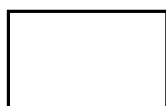
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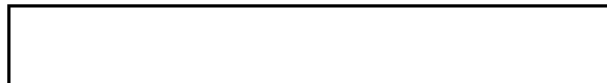
Chemical production equipment

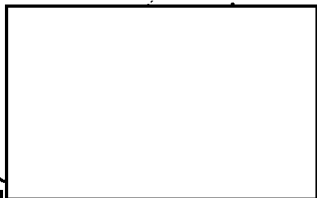

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Return to 
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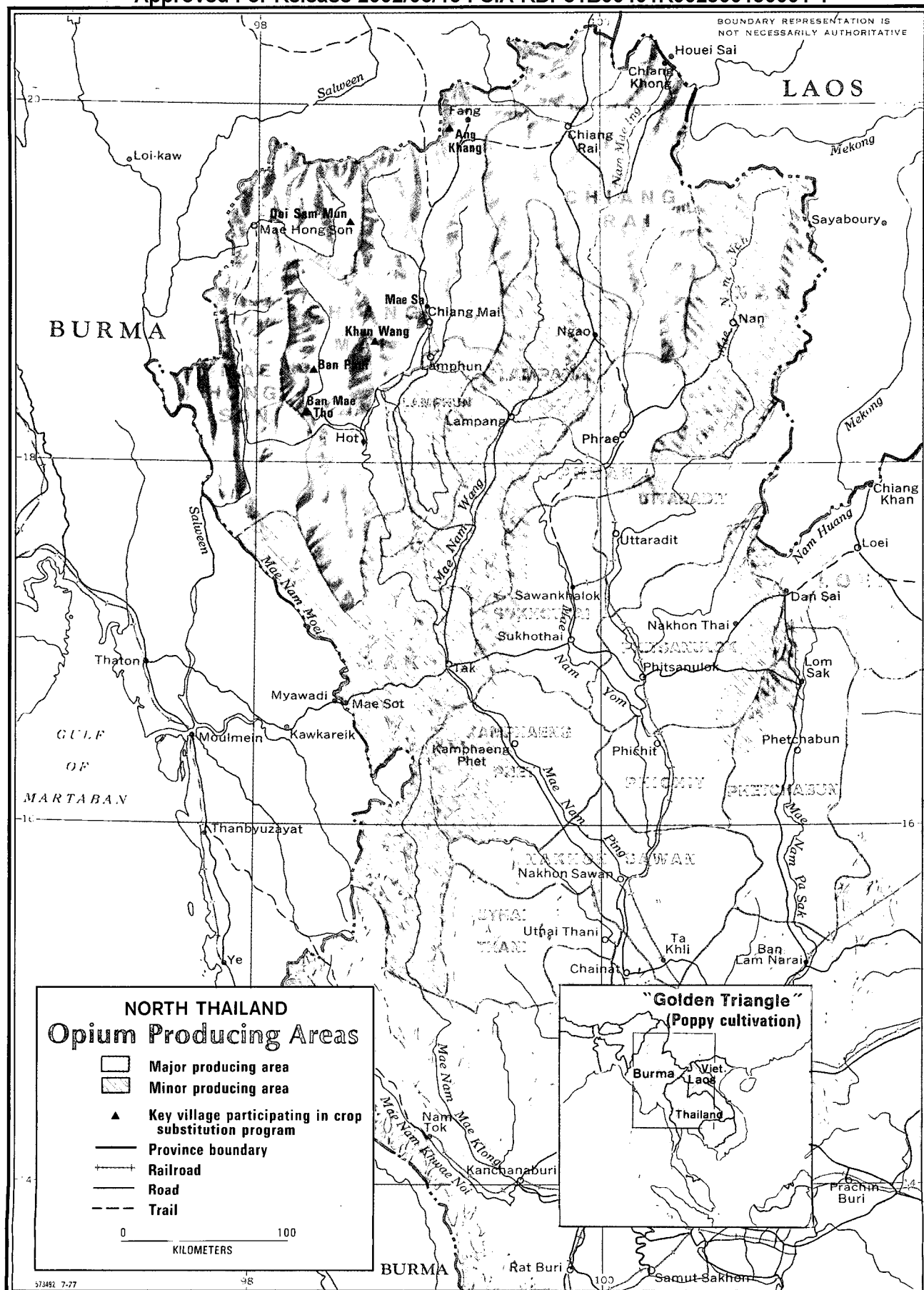
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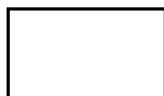
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PLANS TO MODERNIZE AIR AND NAVAL FORCES

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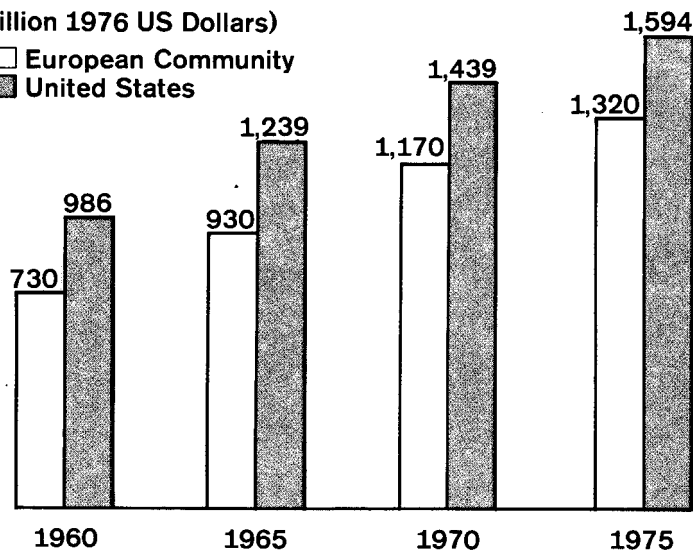
TOP SECRET SENSITIVE

Chart 1

Gross National Product

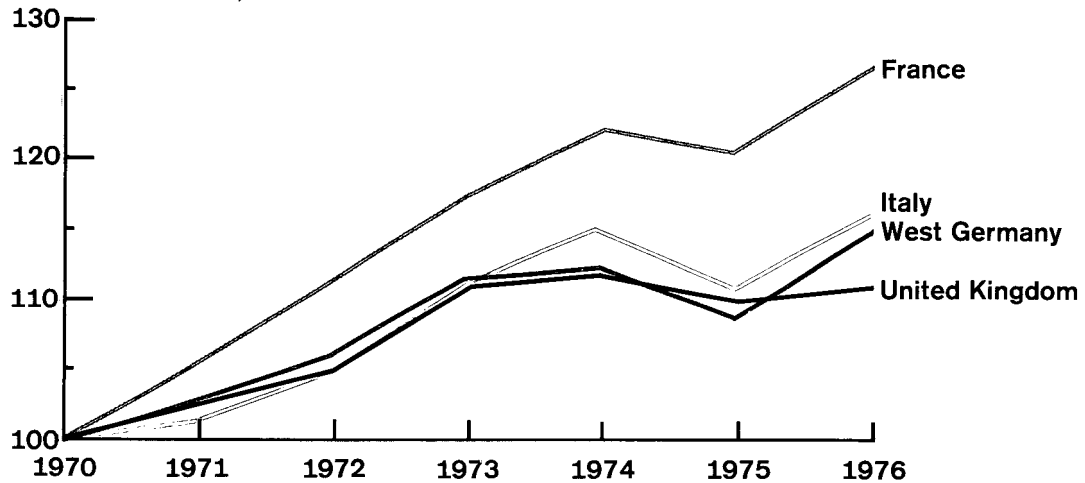
(Billion 1976 US Dollars)

European Community
United States



Real Gross National Product

(Index 1970=100)



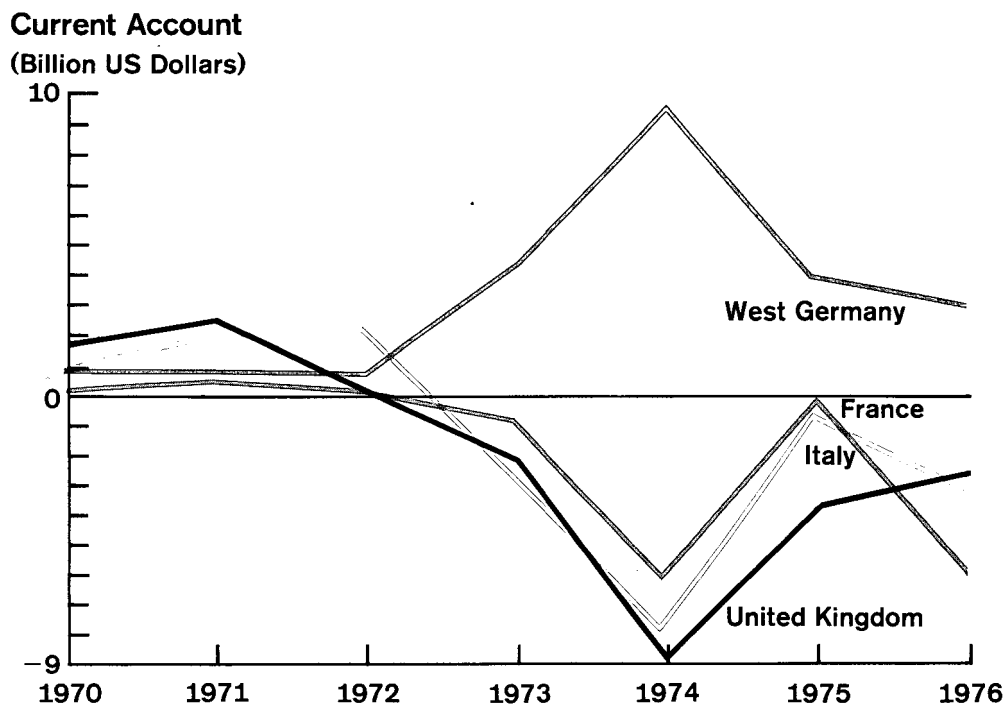
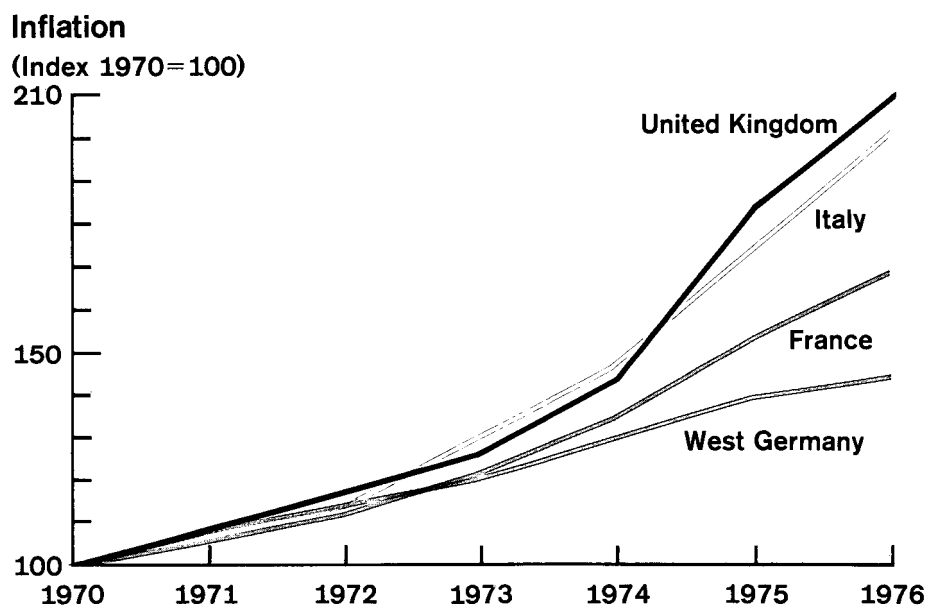
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Chart 3



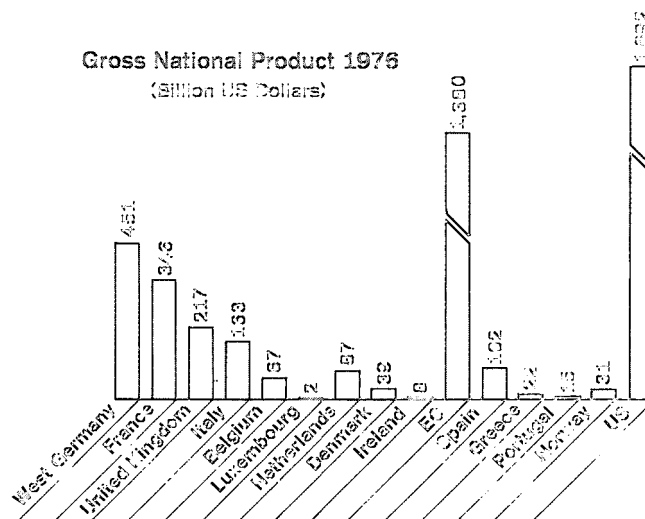
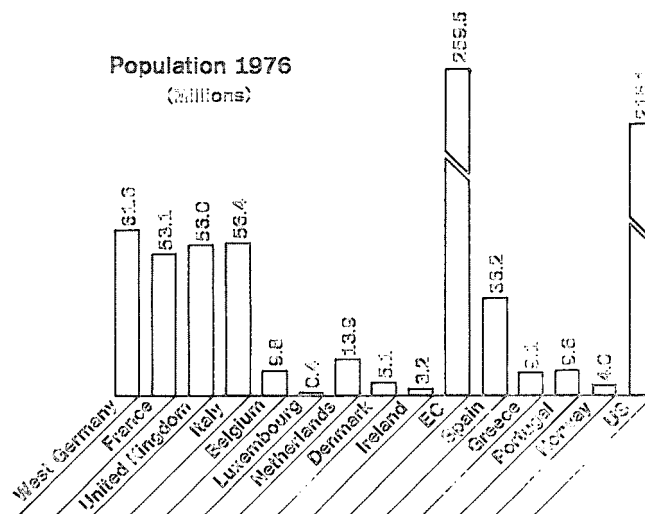
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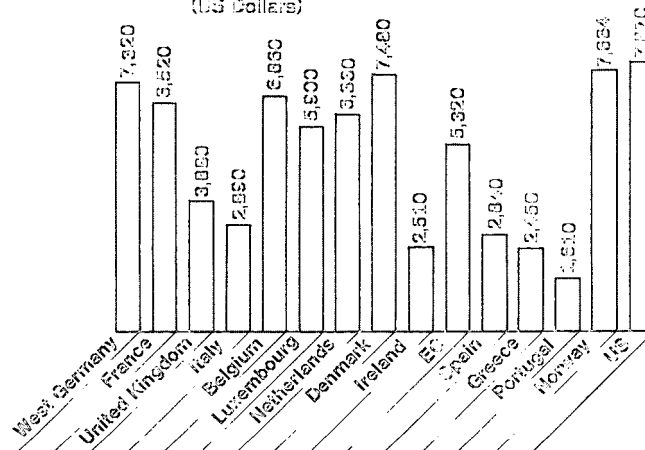
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Chart 5



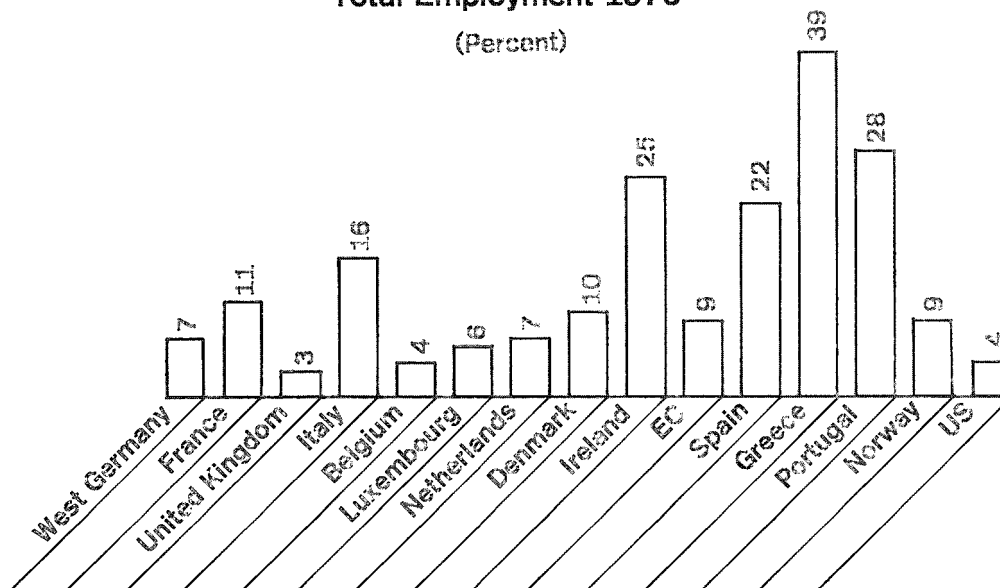
Gross National Product Per Capita 1976
(US Dollars)



573860 9-77

Chart 6

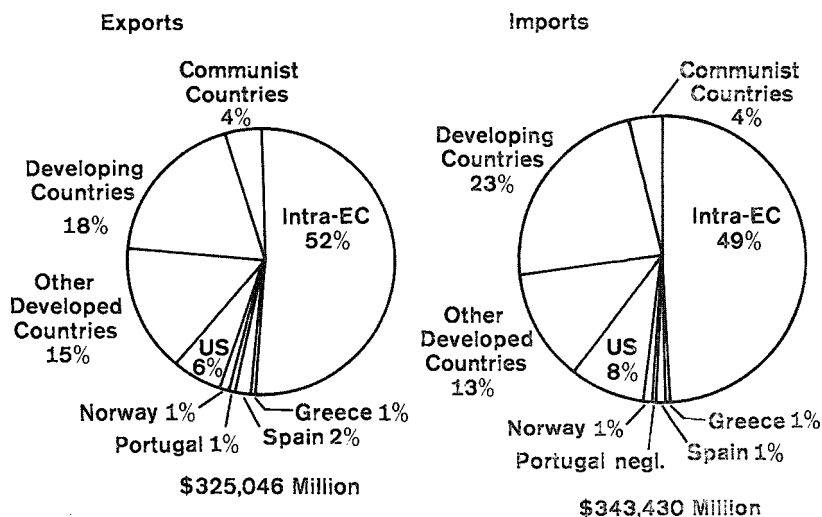
**Agricultural Workers as a Share of
Total Employment 1976**
(Percent)



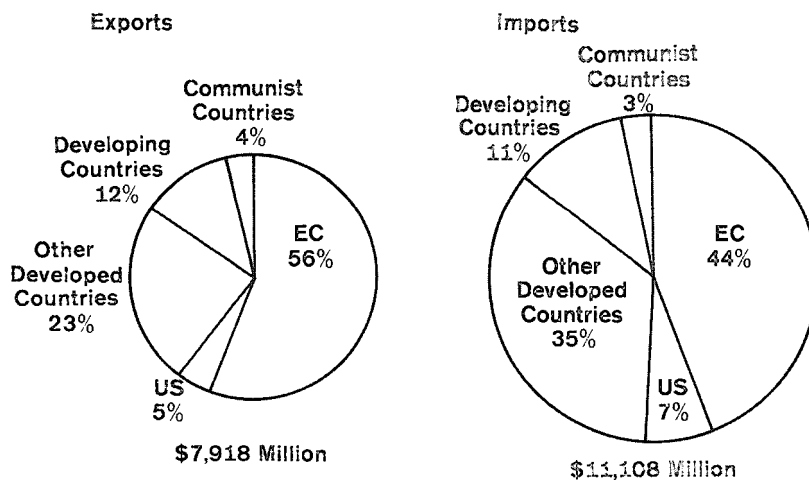
GNP by Sector of Origin 1975 (Percent)															
Agriculture	3	5	2	8	3	4	6	7	18	4	9	19	16	5	4
Industry	48	39	42	40	39	49	41	35	34	43	39	30	45	37	34
Services	49	56	56	52	58	47	53	58	48	53	52	51	39	38	62
	West Germany	France	United Kingdom	Italy	Belgium	Luxembourg	Netherlands	Denmark	Ireland	EC	Spain	Greece	Portugal	Norway	US

573861 9-77

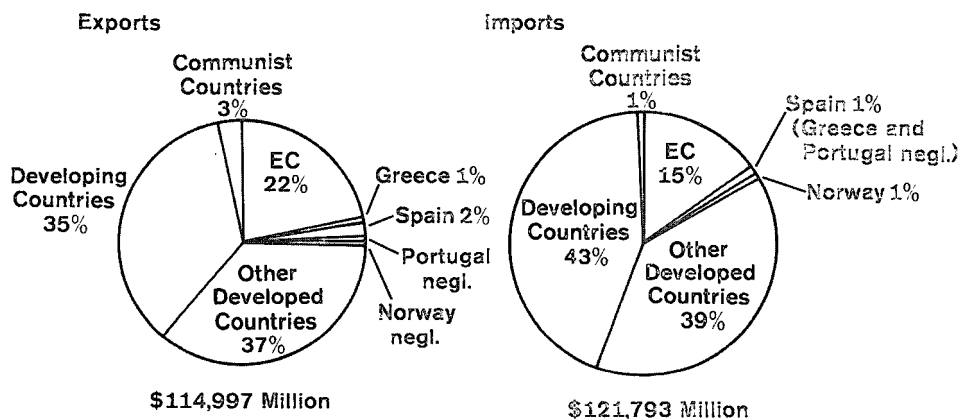
European Community: Direction of Trade 1976



Norway: Direction of Trade 1976



United States: Direction of Trade 1976



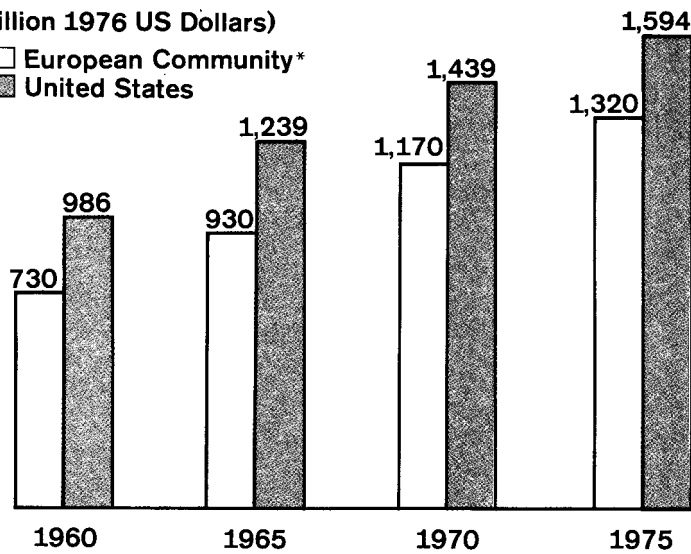
573863 9-77

Chart 1

Gross National Product

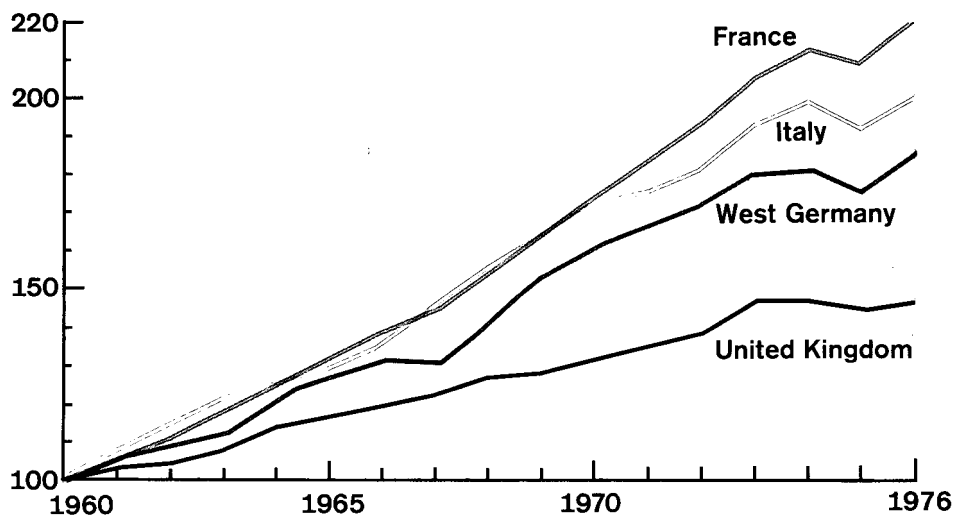
(Billion 1976 US Dollars)

□ European Community*
■ United States



Real Gross National Product

(Index 1960=100)



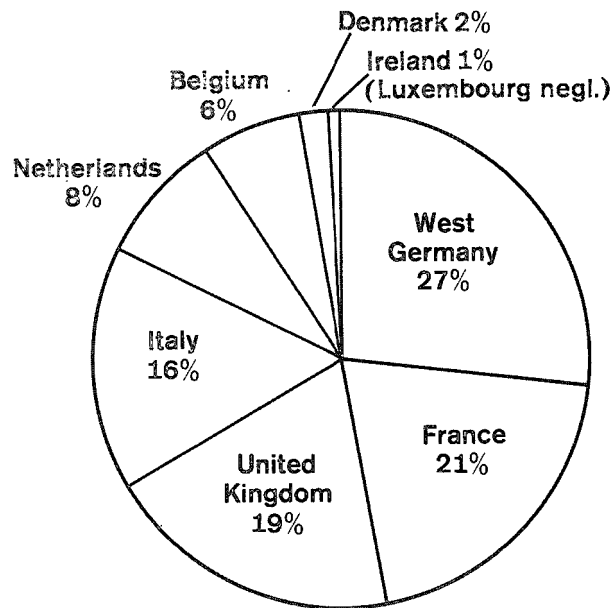
*Includes 9 countries

573941 9-77

Chart 2

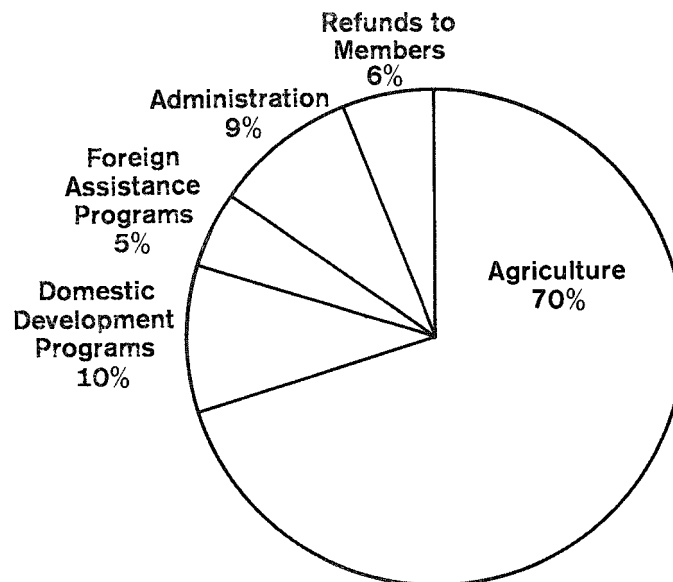
European Community: Budget for 1977

Revenue by Country



\$11.2 Billion

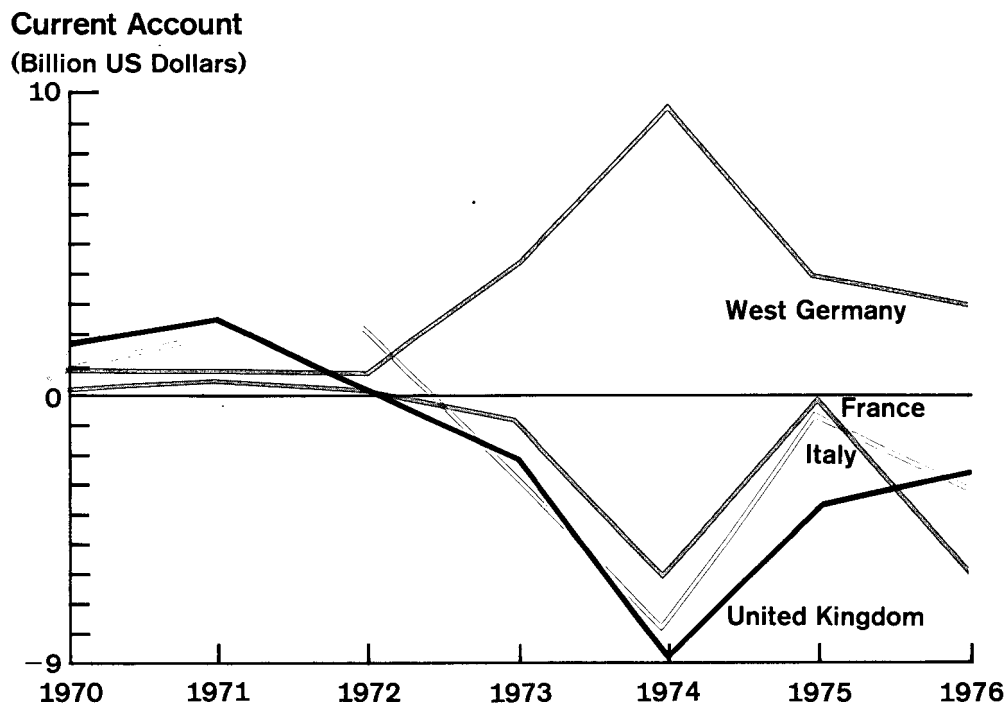
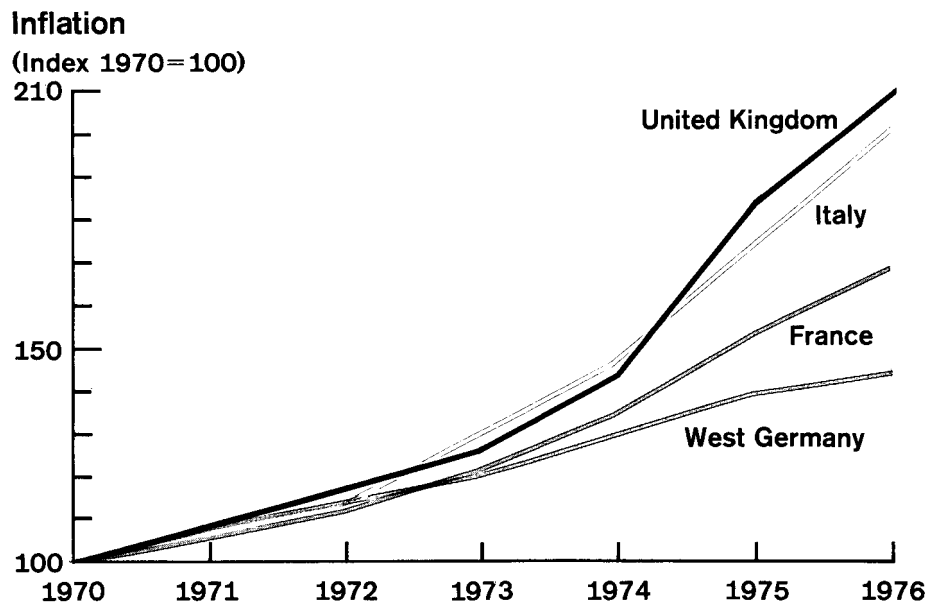
Expenditure by Category



\$11.2 Billion

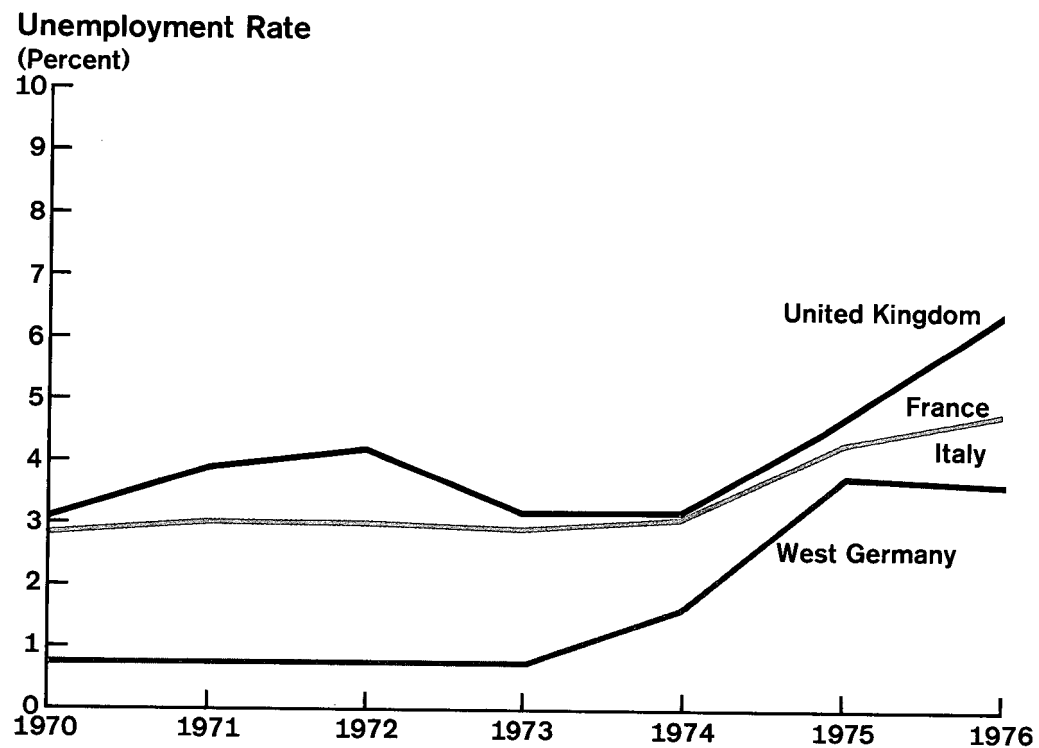
573864 9-77

Chart 3



573866 9-77

Chart 3a



573942 9-77

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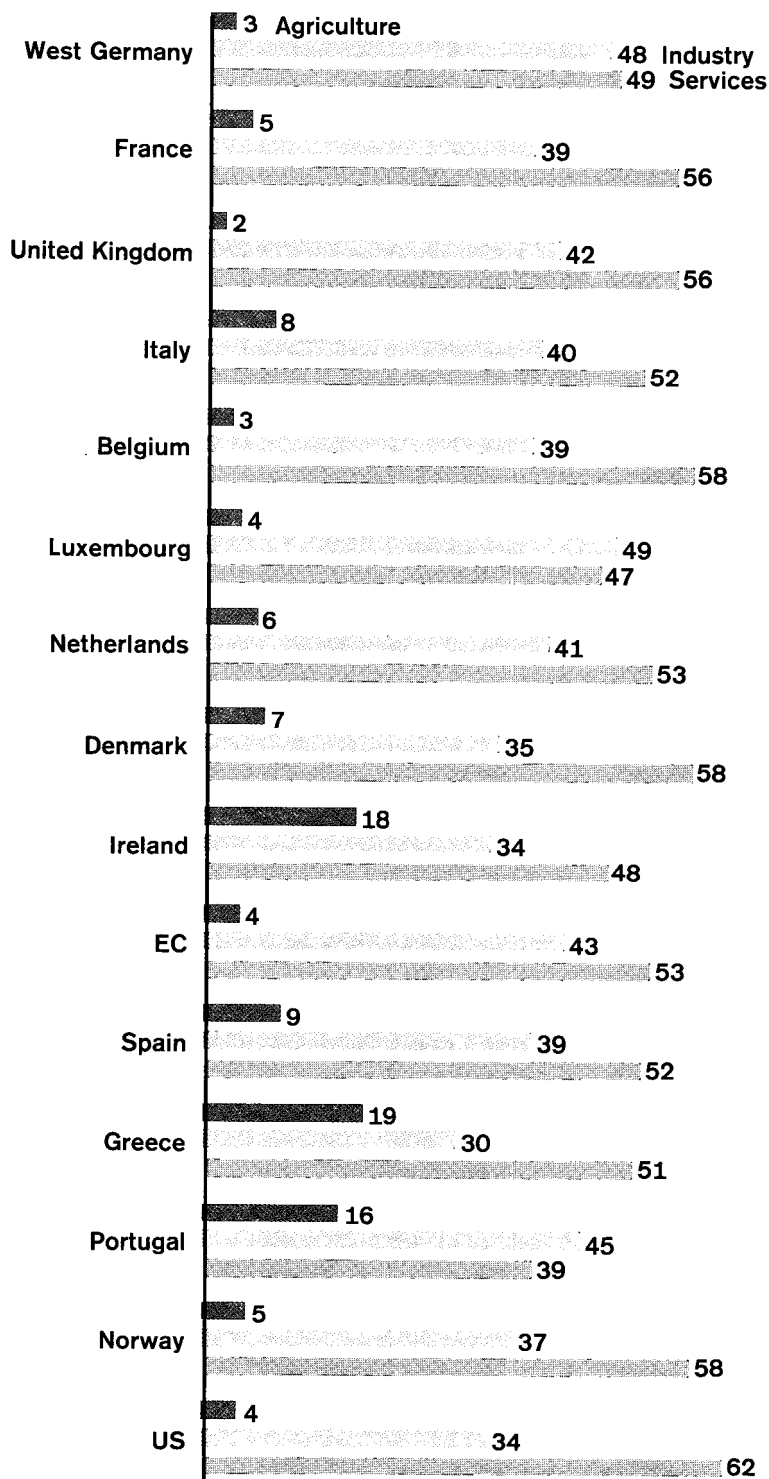
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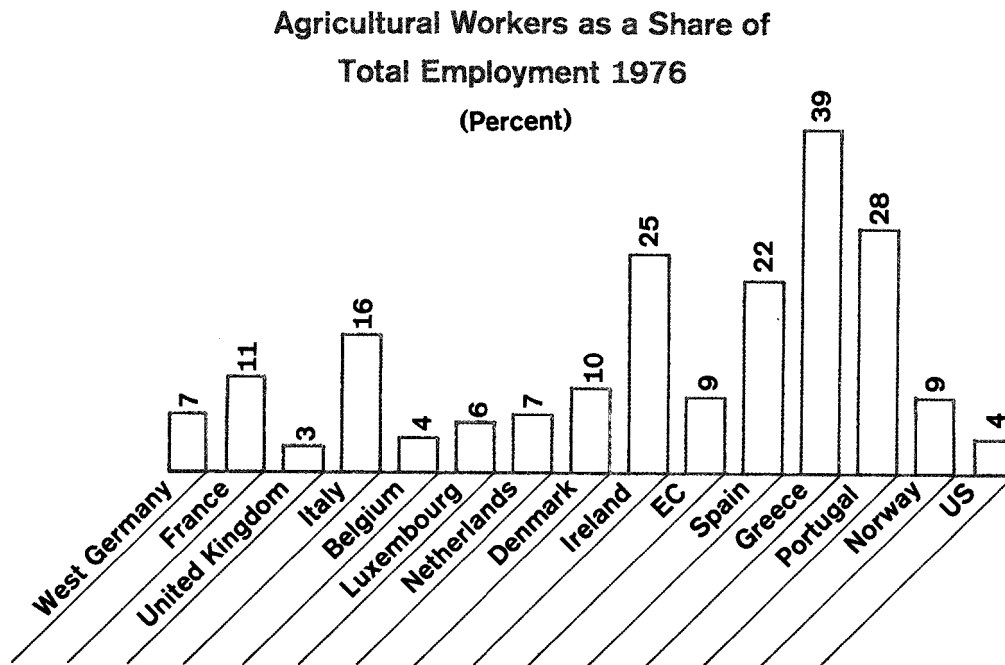
Chart 6

GNP by Sector of Origin 1975 (Percent)



573940 9-77

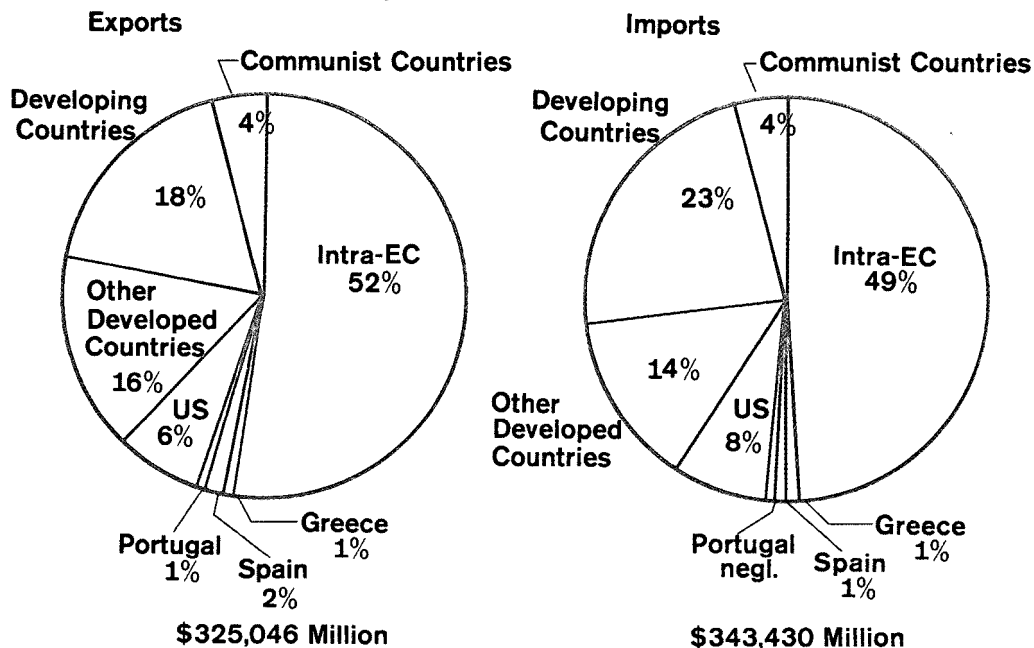
Chart 6a



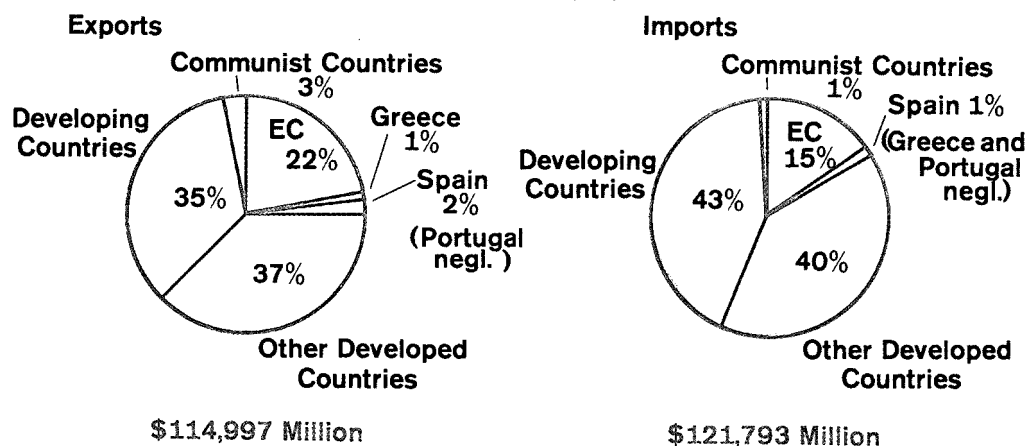
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Chart 7

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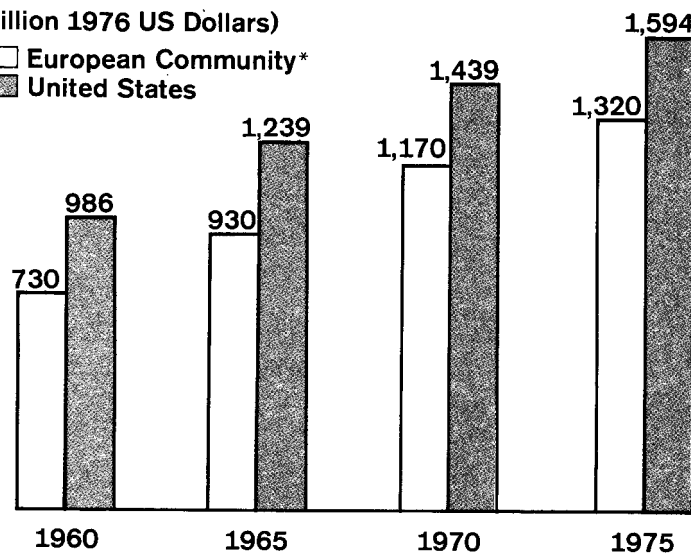
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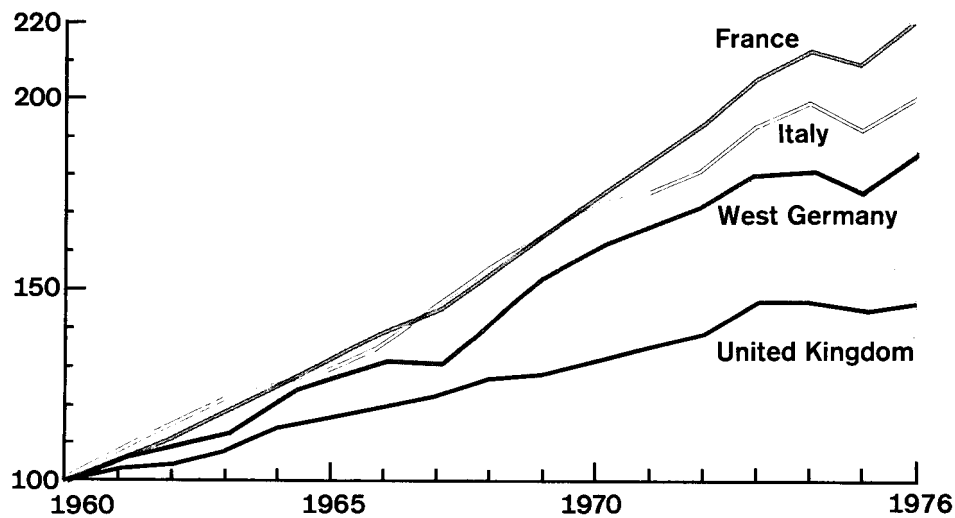
(Billion 1976 US Dollars)

European Community*
United States



Real Gross National Product

(Index 1960=100)



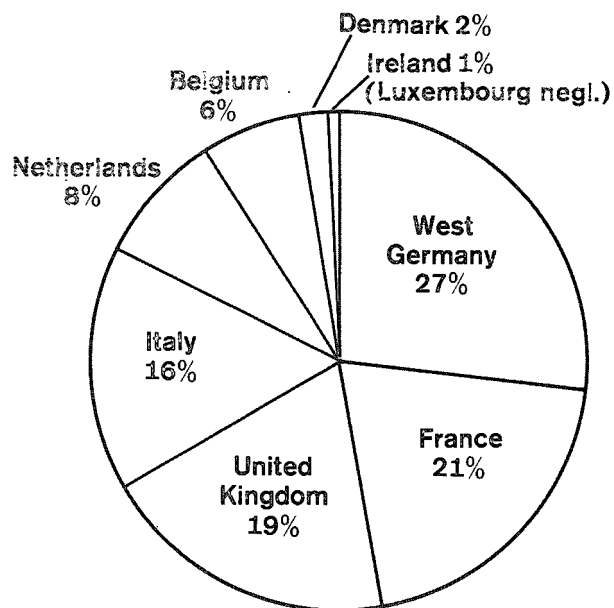
*Includes 9 countries

573941 9-77

Chart 2

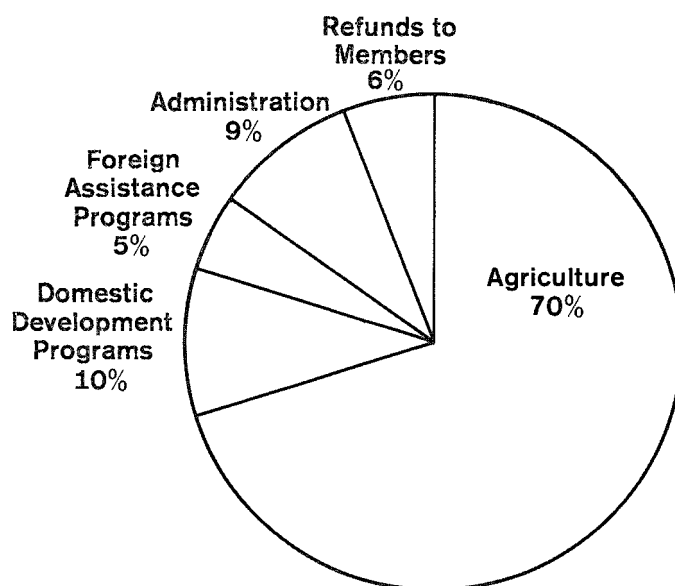
European Community: Budget for 1977

Revenue by Country



\$11.2 Billion

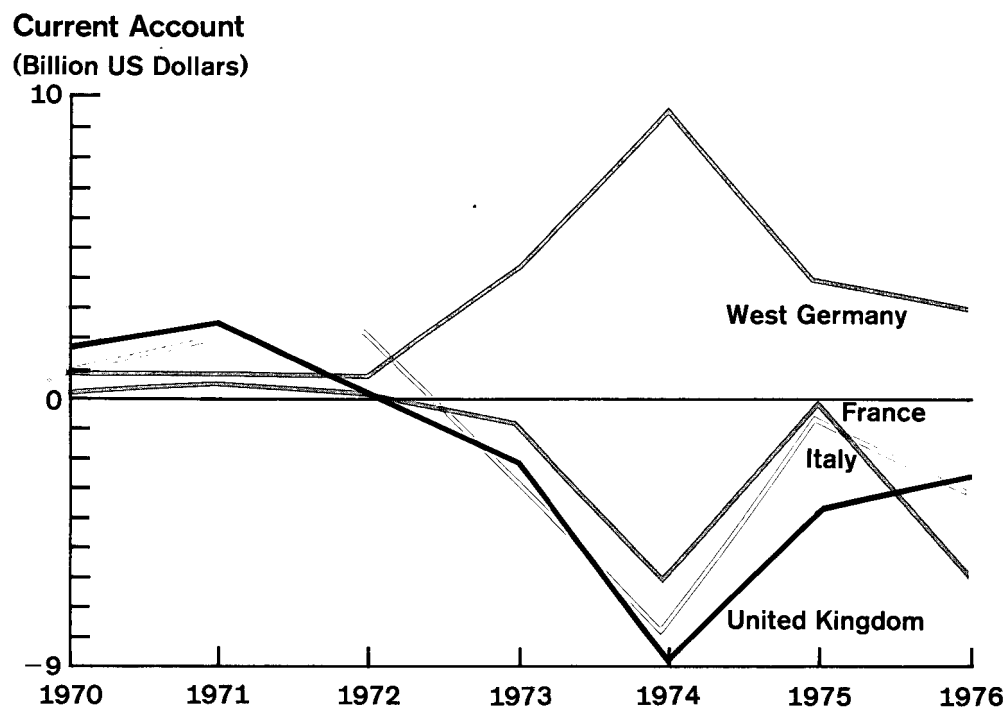
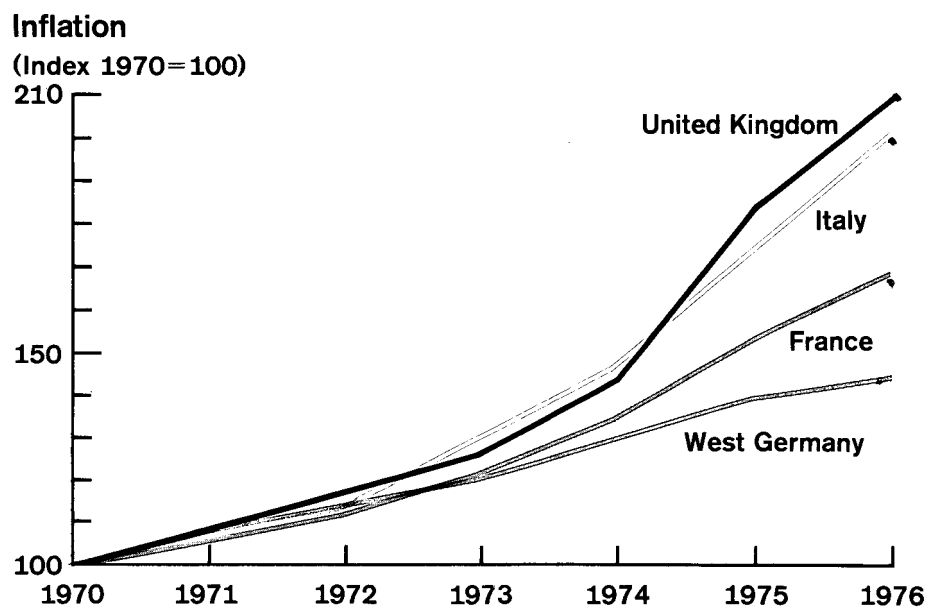
Expenditure by Category



\$11.2 Billion

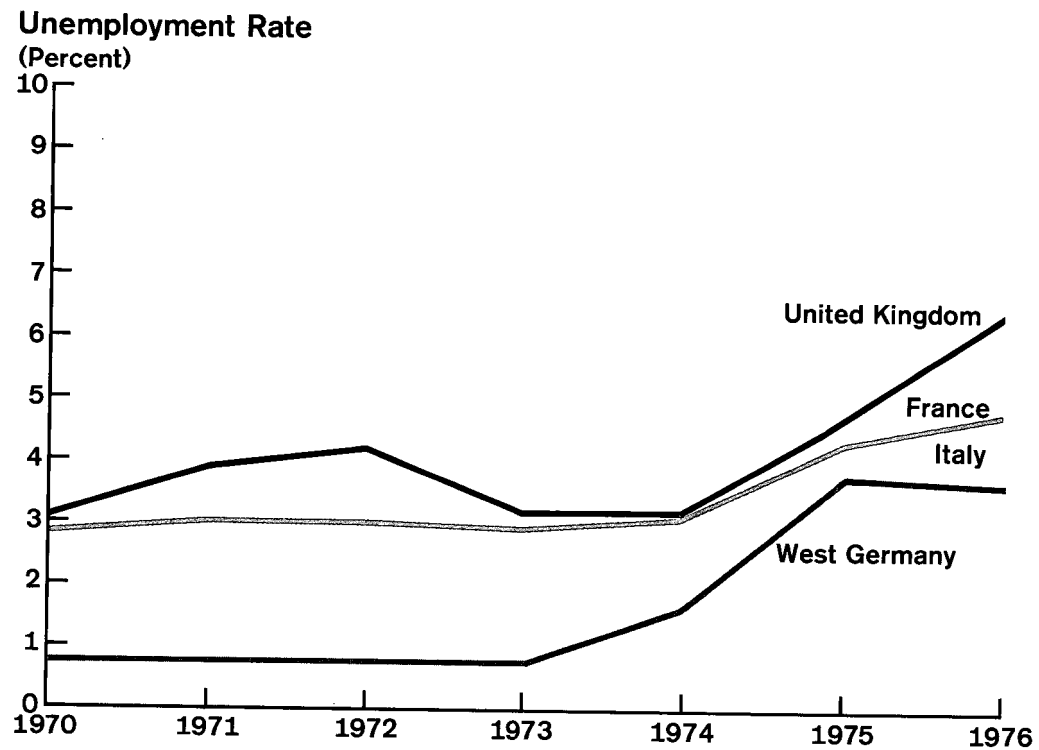
573864 9-77

Chart 3



573866 9-77

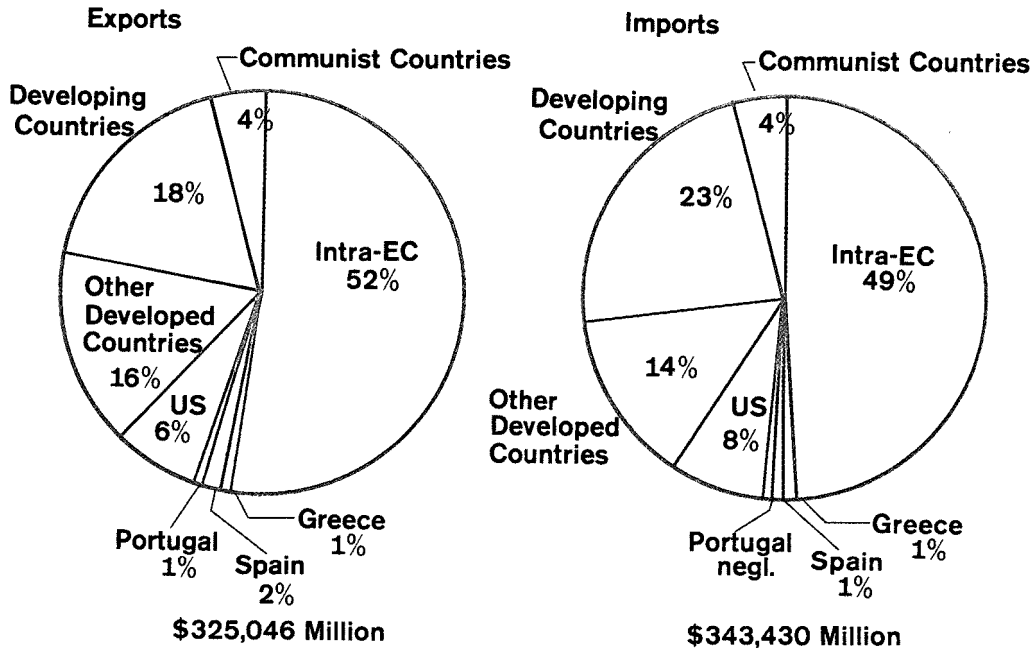
Chart 3a



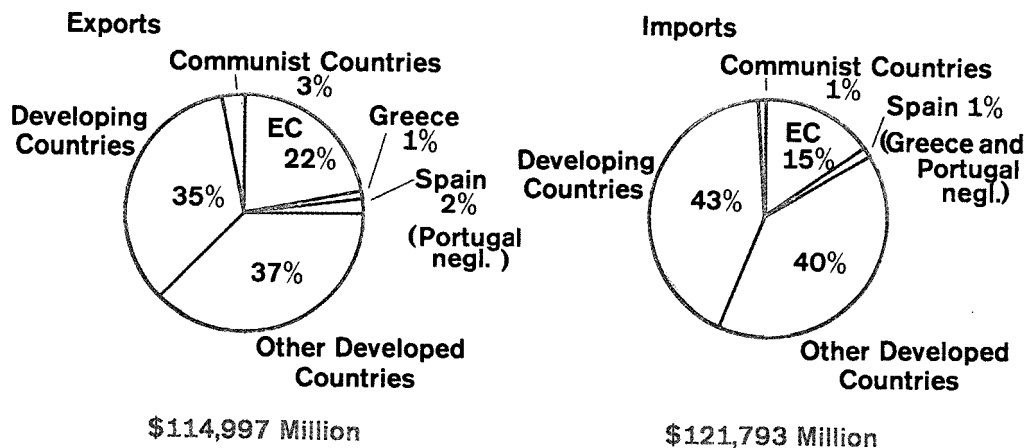
573942 9-77

Chart 7.

European Community: Direction of Trade 1976



United States: Direction of Trade 1976



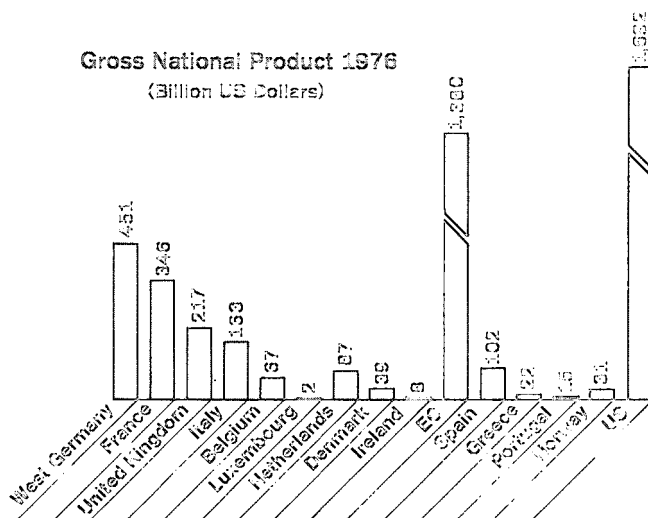
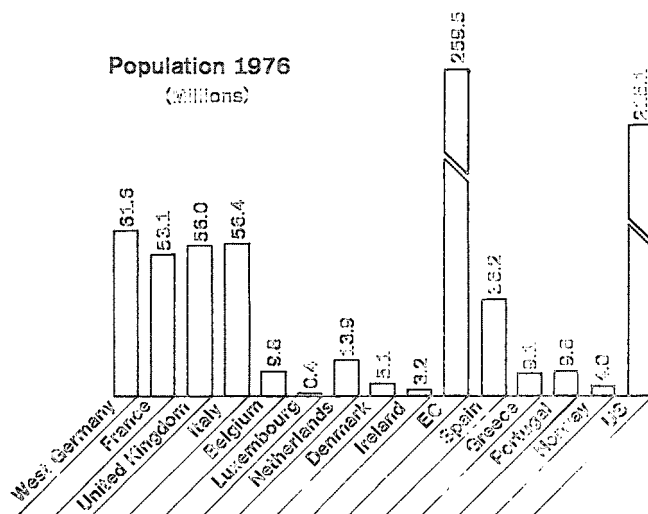
573943 9-77

25X1

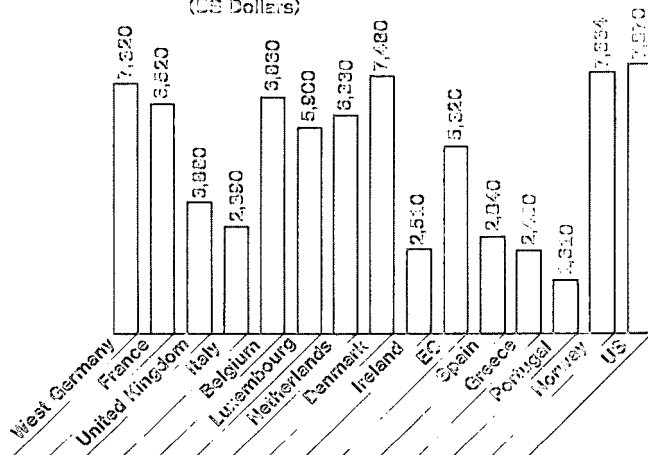
Approved For Release 2002/06/13 : CIA-RDP81B00401R002500150001-1

Approved For Release 2002/06/13 : CIA-RDP81B00401R002500150001-1

Chart 5



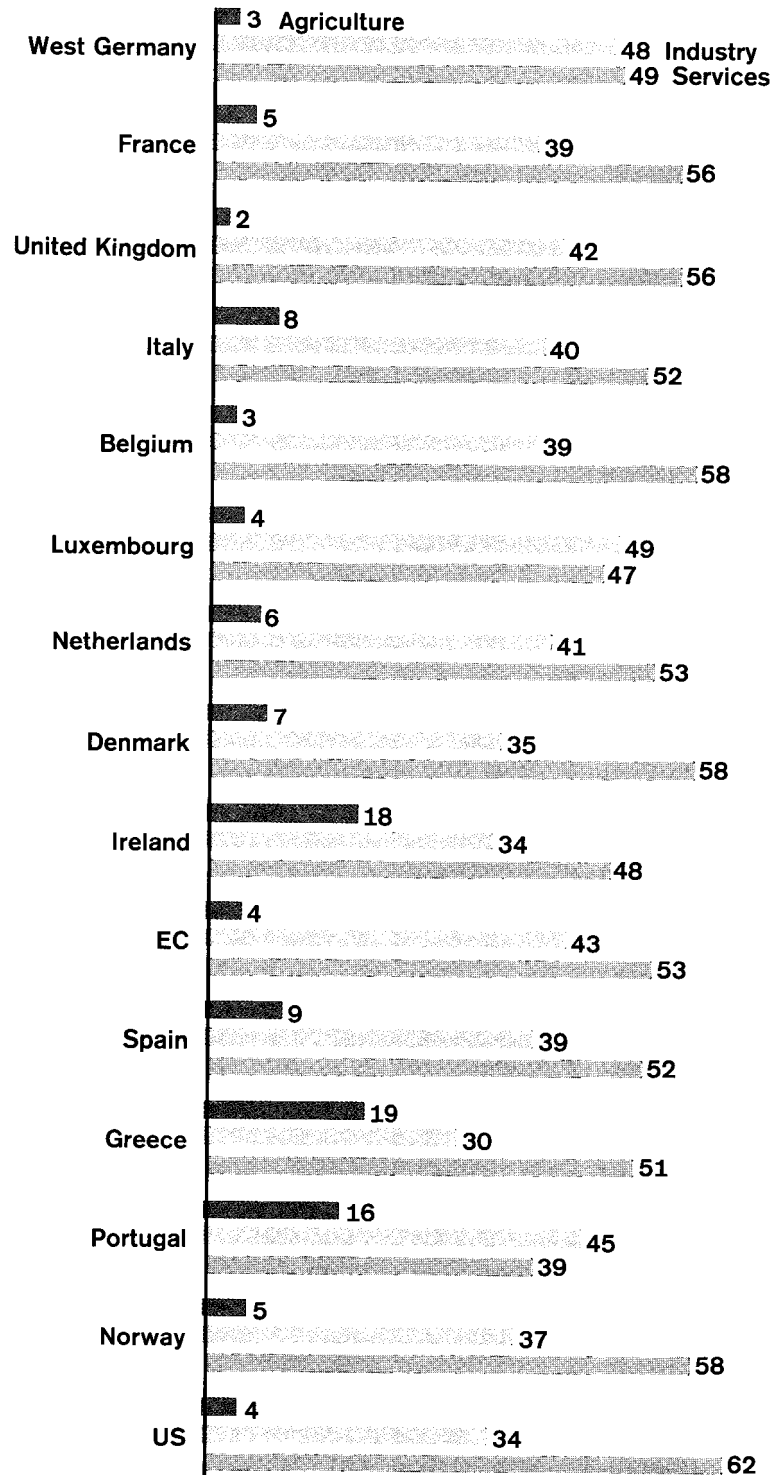
Gross National Product Per Capita 1976
(US Dollars)



573860 9-77

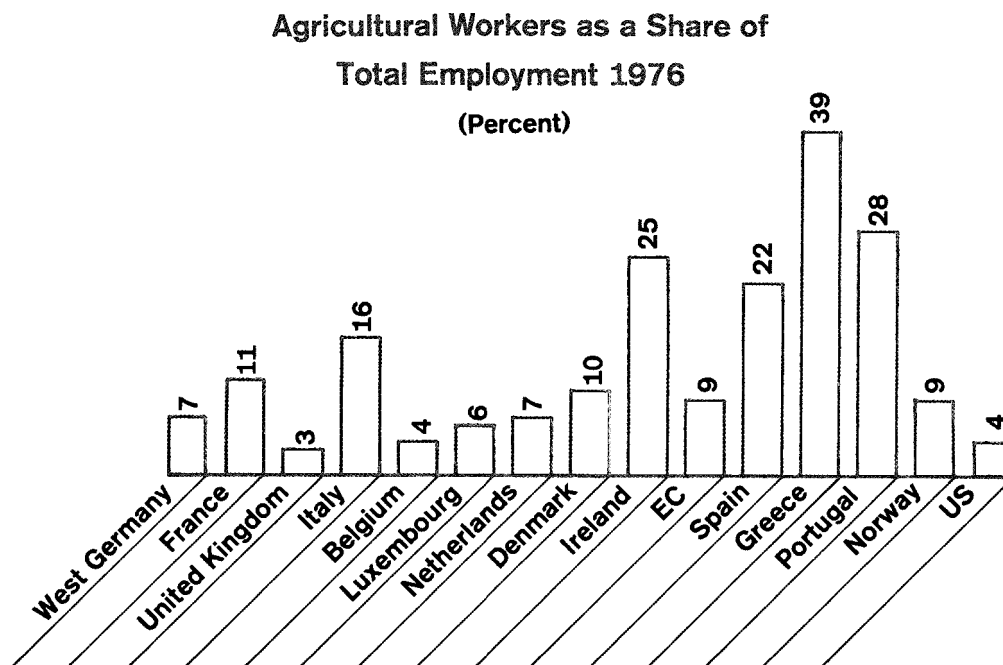
Chart 6

GNP by Sector of Origin 1975 (Percent)



573940 9-77

Chart 6a



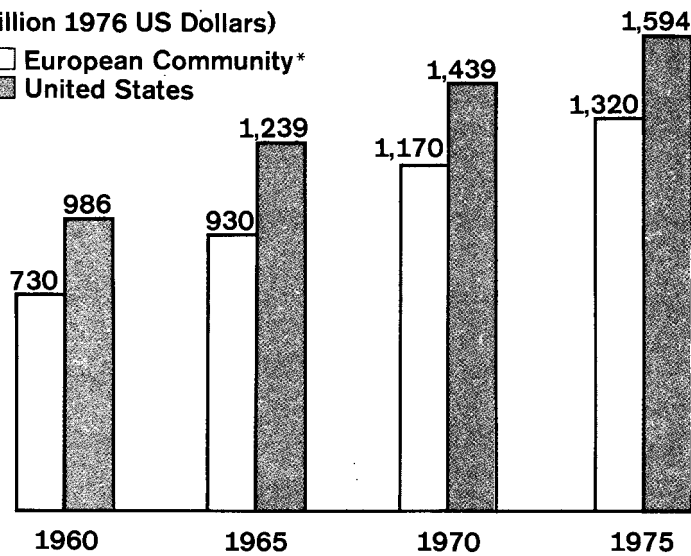
573861 9-77

Chart 1

Gross National Product

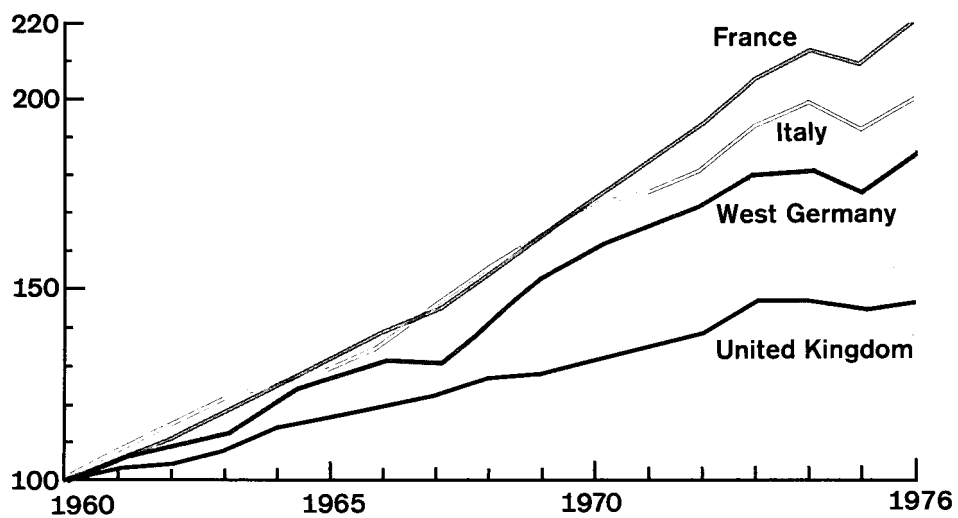
(Billion 1976 US Dollars)

□ European Community*
■ United States



Real Gross National Product

(Index 1960=100)



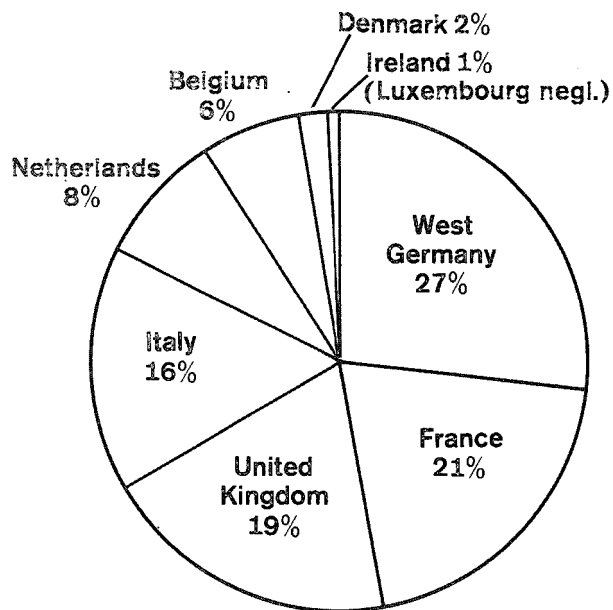
* Includes 9 countries

573941 9-77

Chart 2

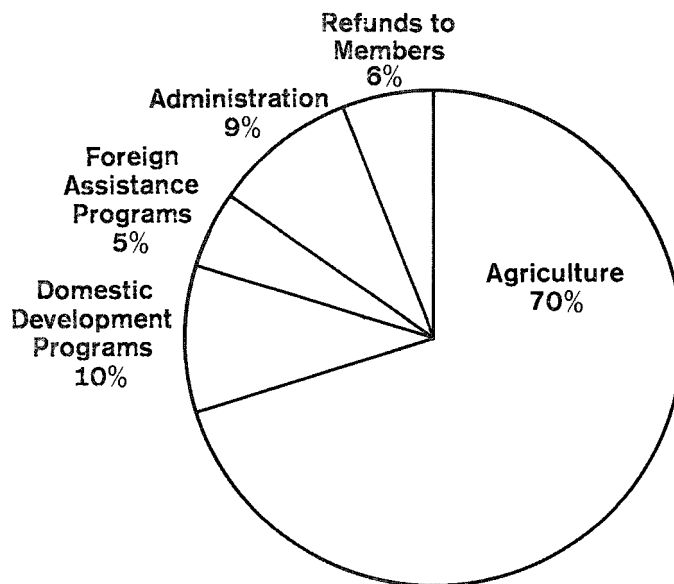
European Community: Budget for 1977

Revenue by Country



\$11.2 Billion

Expenditure by Category



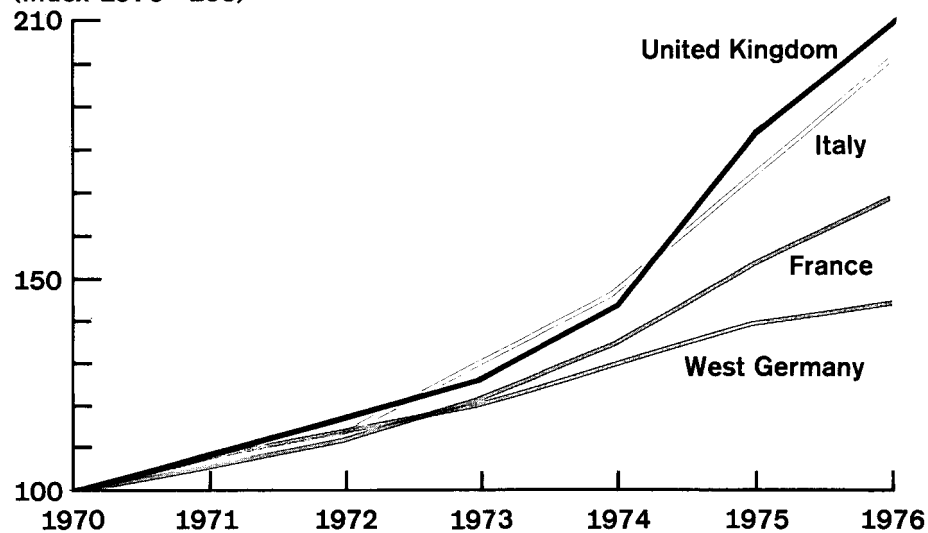
\$11.2 Billion

573864 9-77

Chart 3

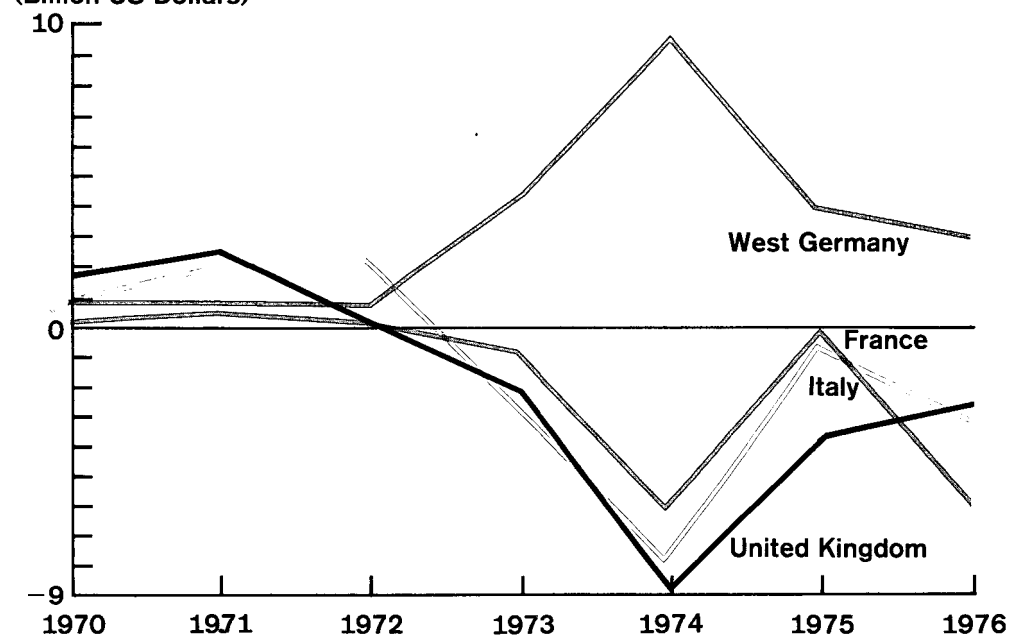
Inflation

(Index 1970=100)



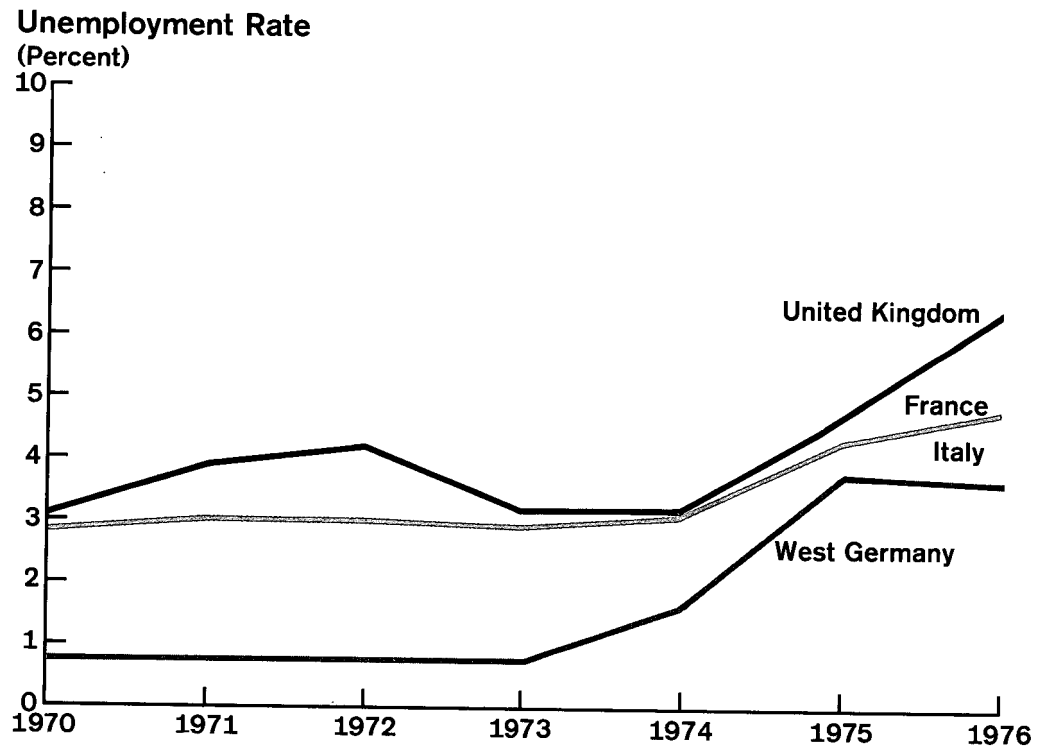
Current Account

(Billion US Dollars)



573866 9-77

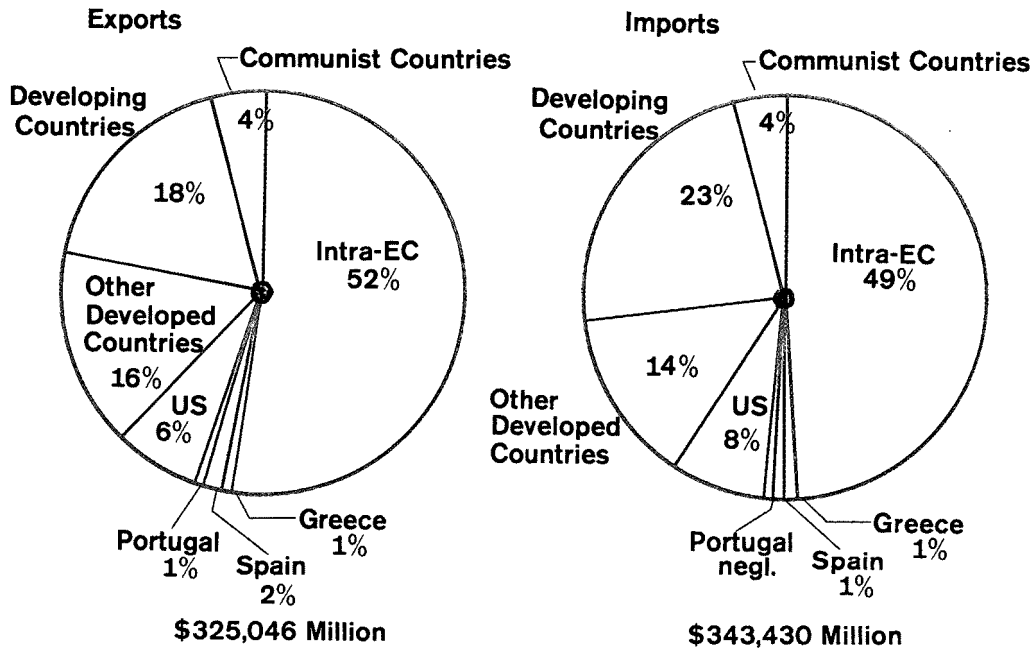
Chart 3a



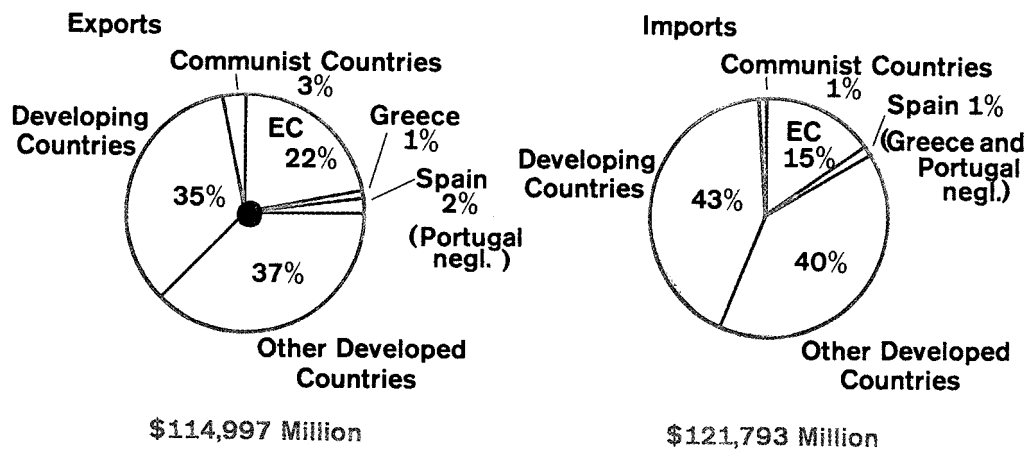
573942 9-77

Chart 7.

European Community: Direction of Trade 1976



United States: Direction of Trade 1976



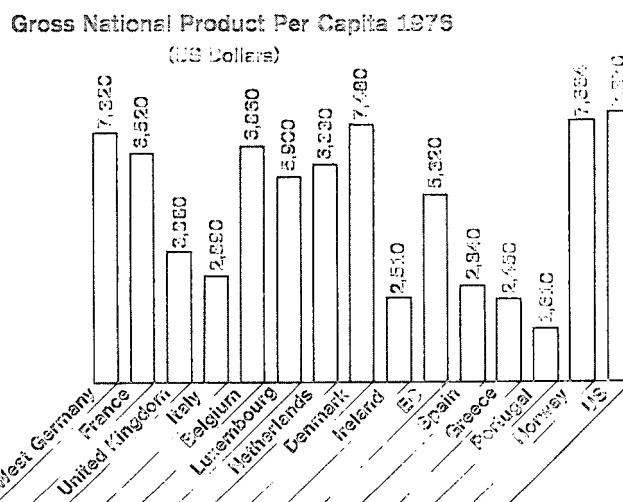
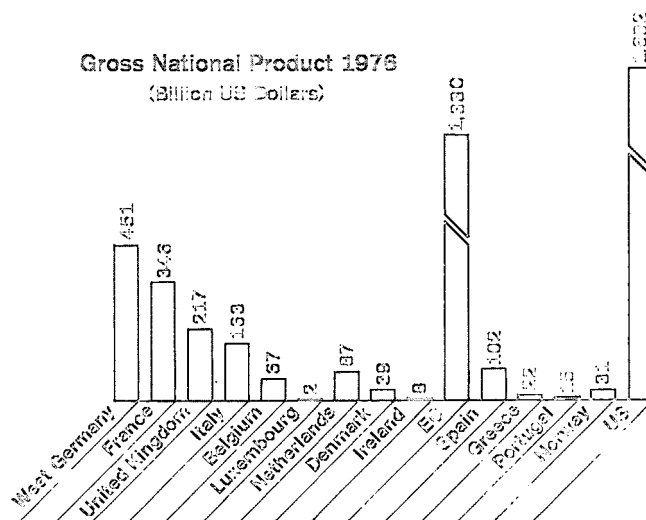
573943 9-77

25X1

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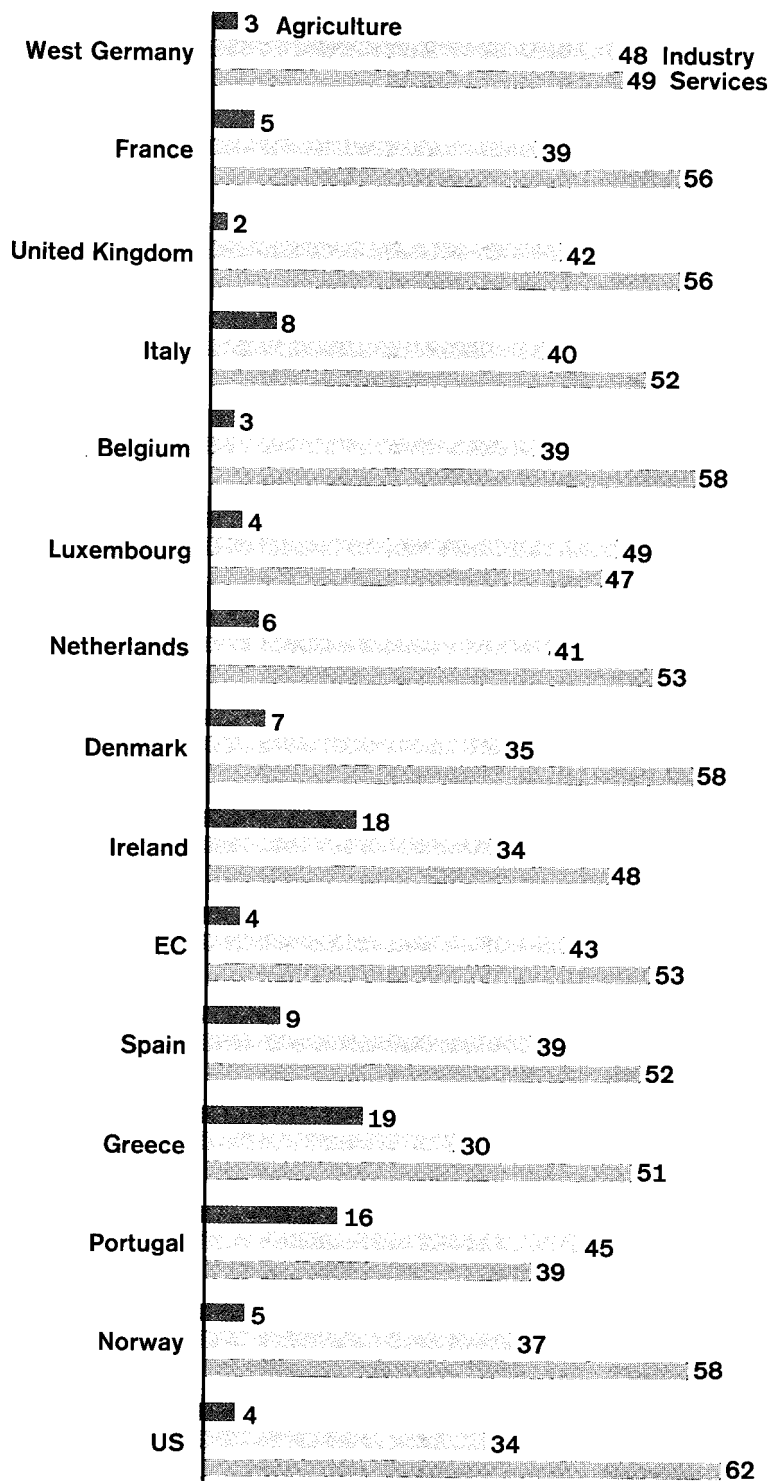
Chart 5



573860 9-77

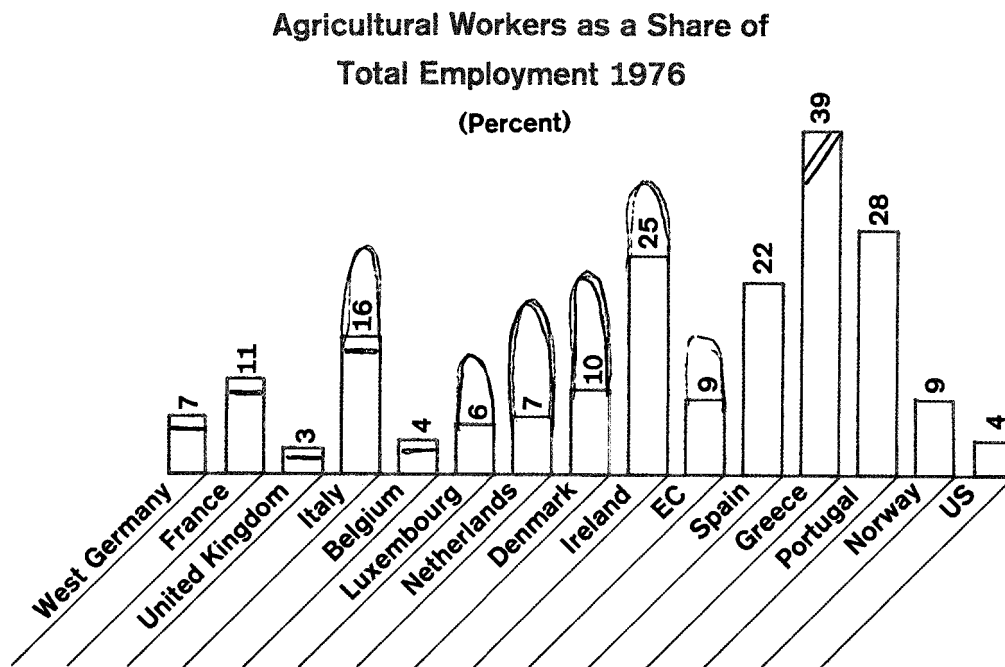
Chart 6

GNP by Sector of Origin 1975 (Percent)



573940 9-77

Chart 6a



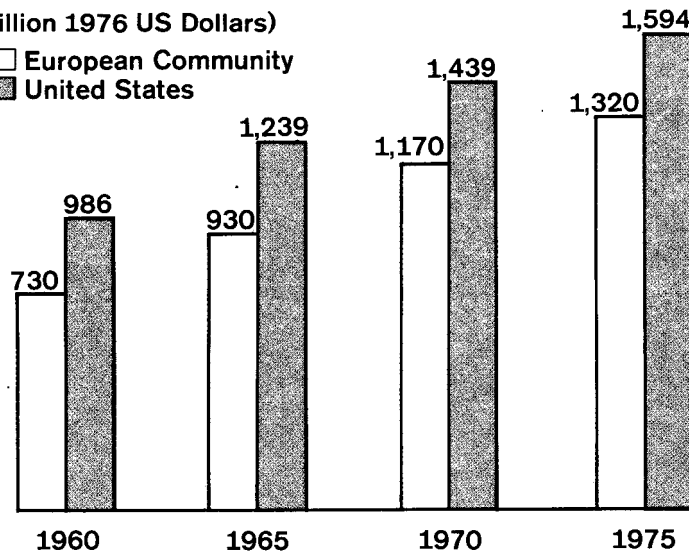
573861 9-77

Chart 1

Gross National Product

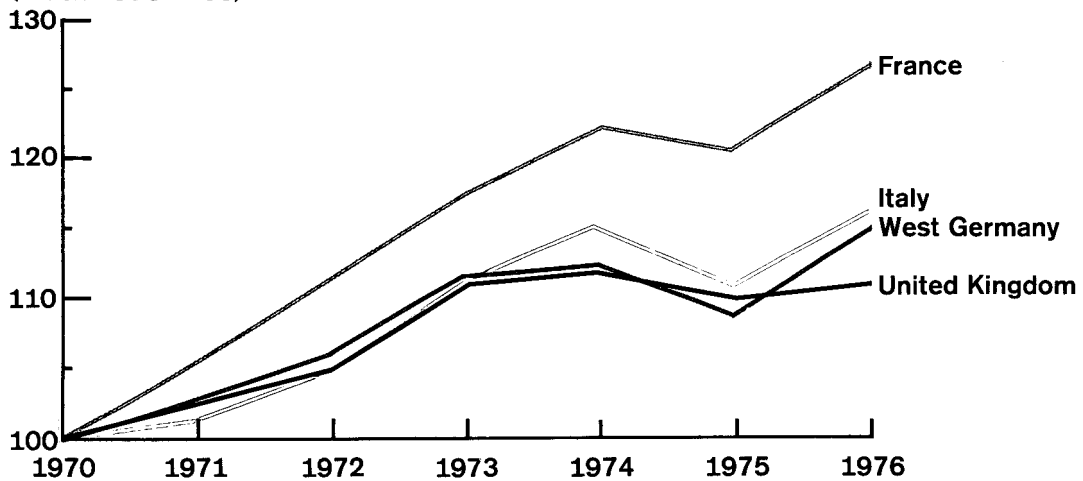
(Billion 1976 US Dollars)

European Community
United States



Real Gross National Product

(Index 1970=100)

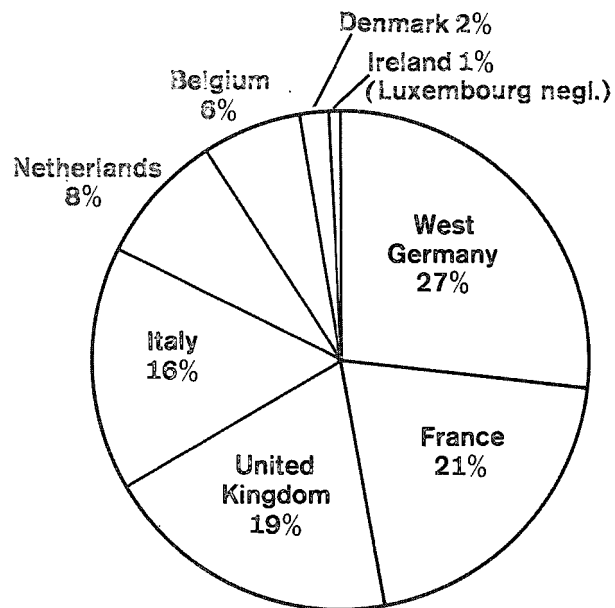


573865 9-77

Chart 2

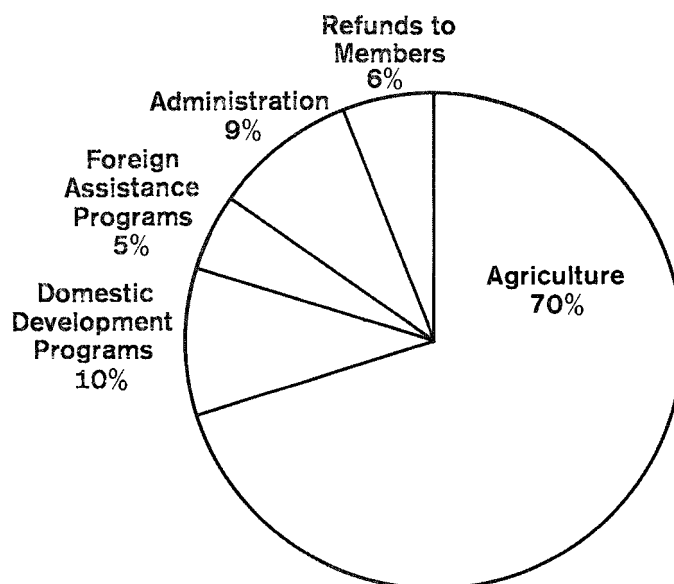
European Community: Budget for 1977

Revenue by Country



\$11.2 Billion

Expenditure by Category



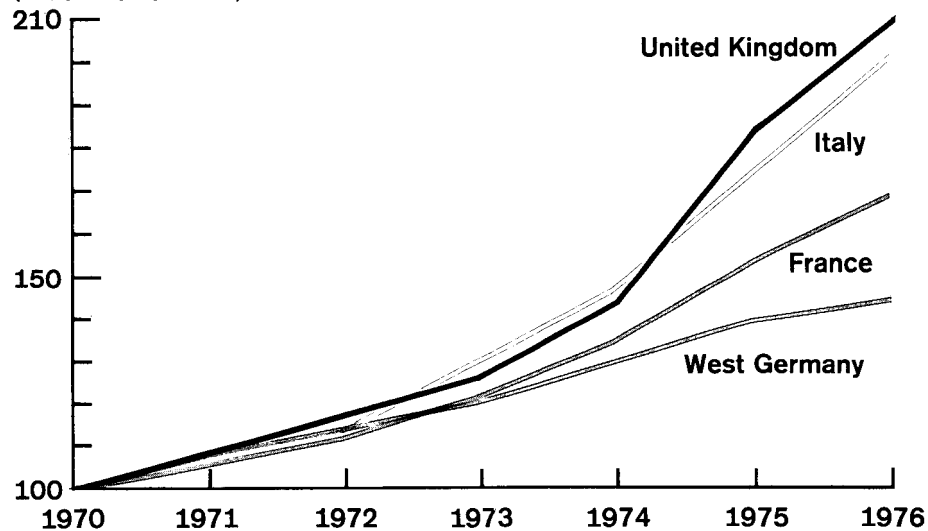
\$11.2 Billion

573864 9-77

Chart 3

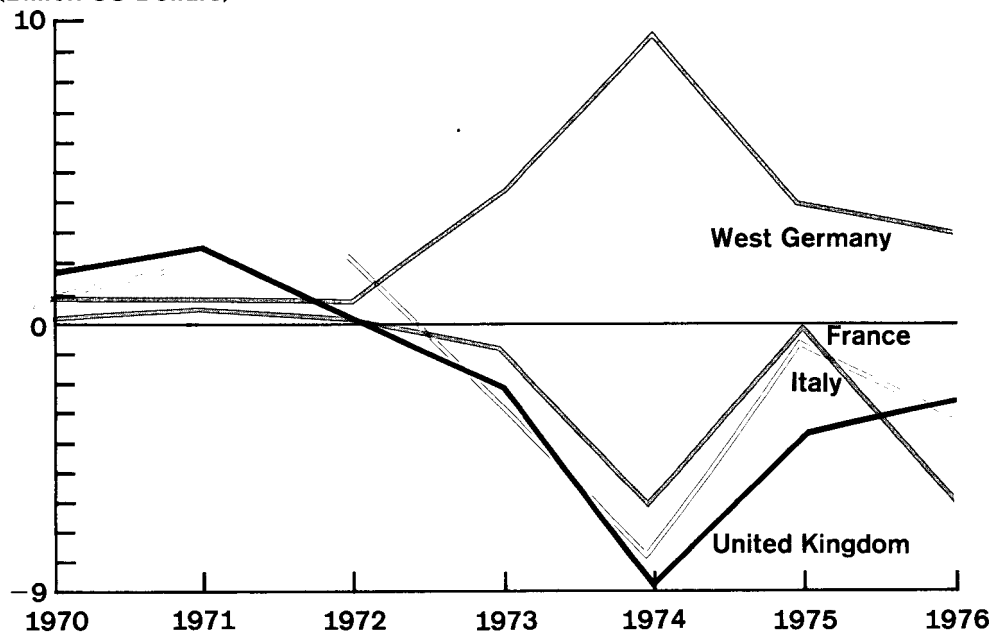
Inflation

(Index 1970=100)



Current Account

(Billion US Dollars)



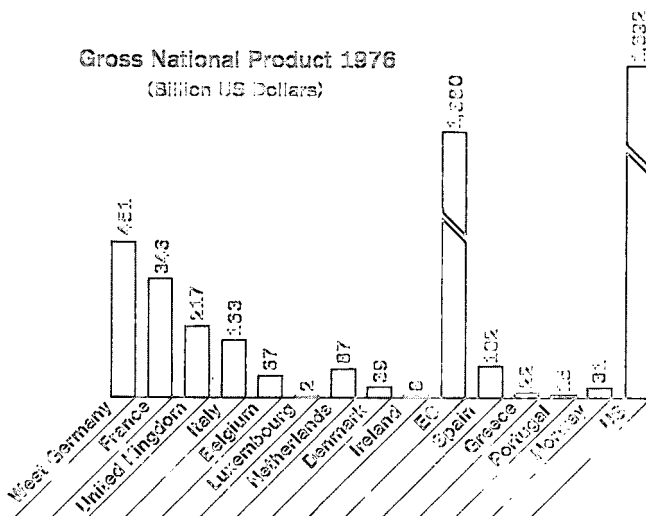
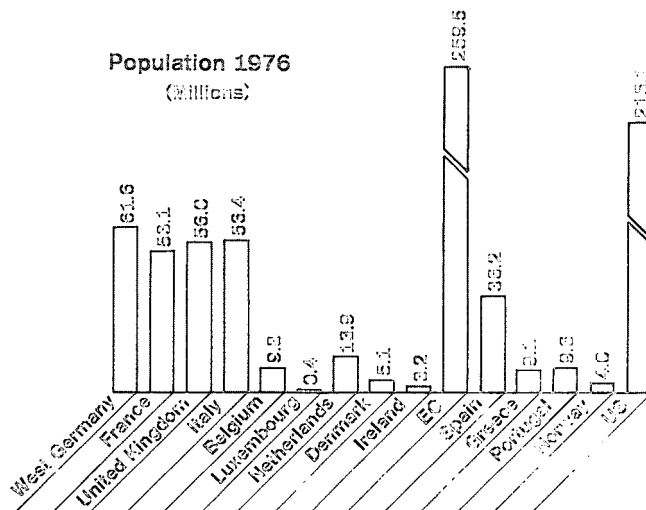
573866 9-77

25X1

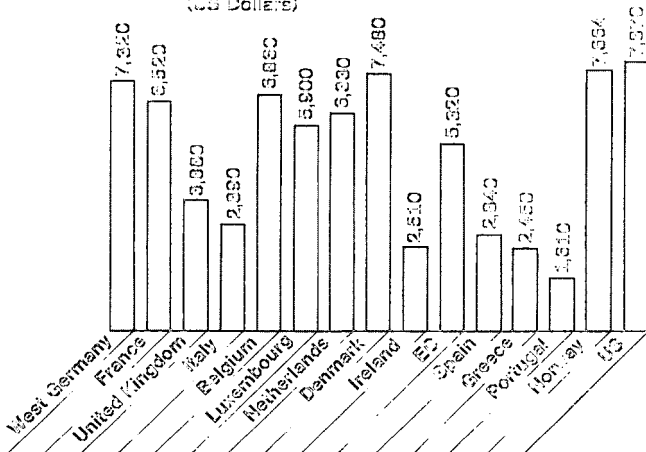
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Chart 5



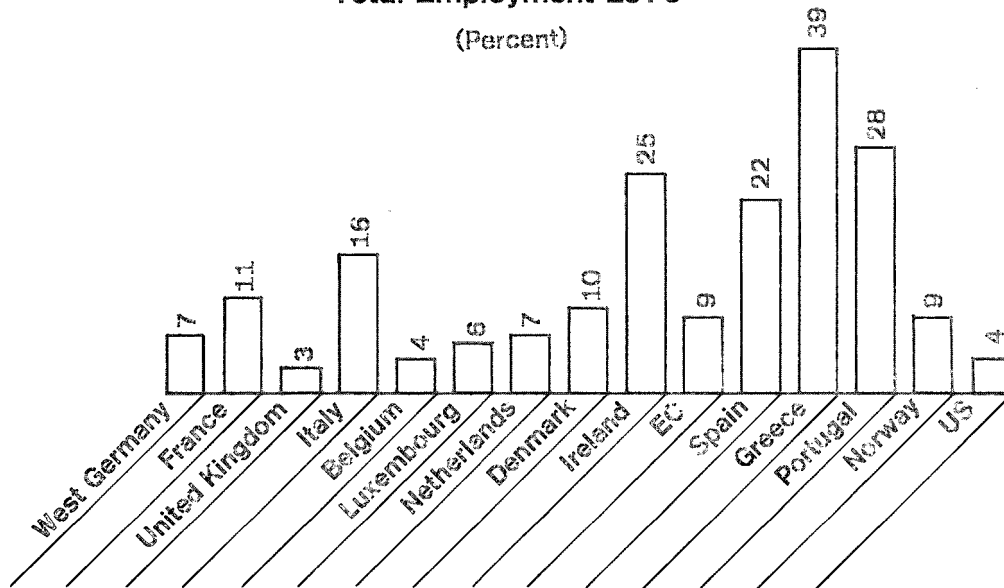
Gross National Product Per Capita 1976
(US Dollars)



573860 9-77

Chart 6

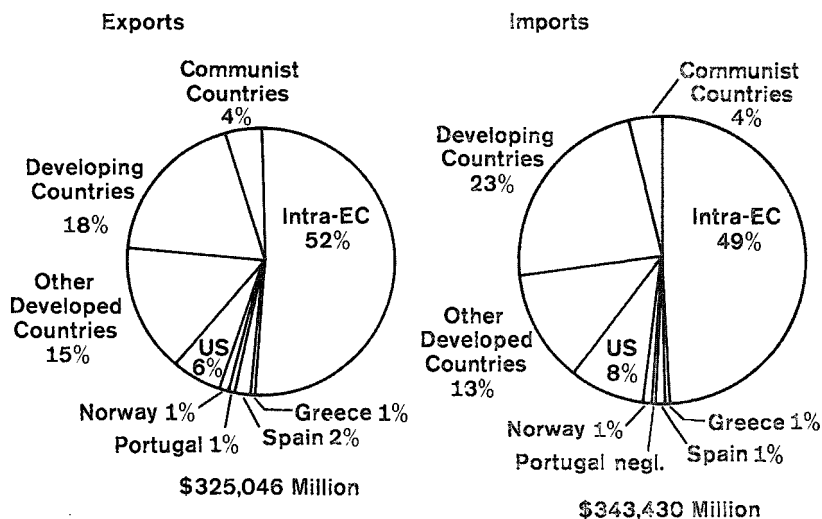
**Agricultural Workers as a Share of
Total Employment 1976**
(Percent)



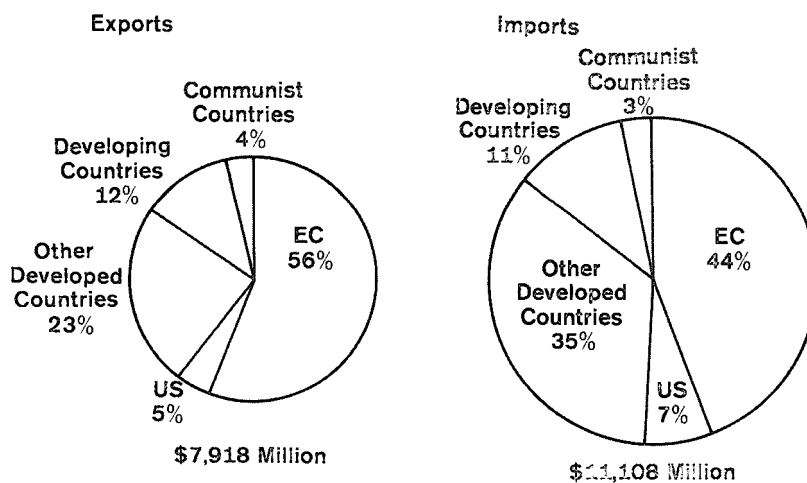
GNP by Sector of Origin 1975 (Percent)															
Agriculture	3	5	2	8	3	4	6	7	18	4	9	19	16	5	4
Industry	48	39	42	40	39	49	41	35	34	43	39	30	45	37	34
Services	49	56	56	52	58	47	53	58	48	53	52	51	39	38	62
	West Germany	France	United Kingdom	Italy	Belgium	Luxembourg	Netherlands	Denmark	Ireland	EC	Spain	Greece	Portugal	Norway	US

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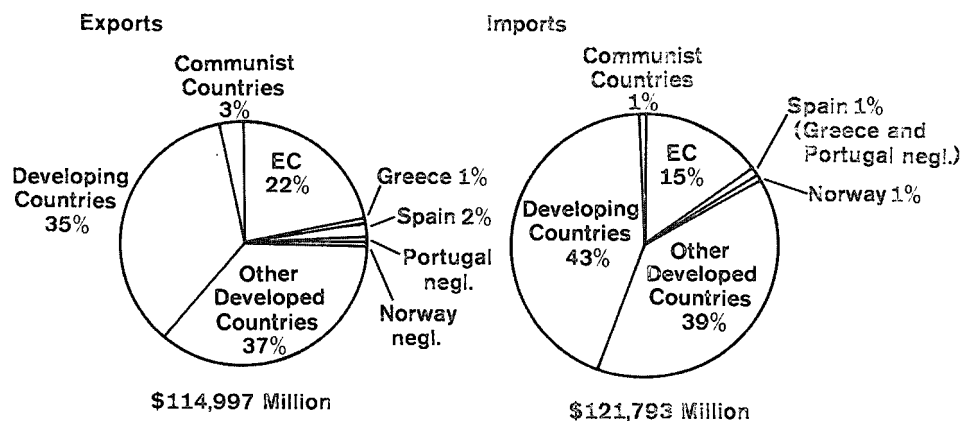
European Community: Direction of Trade 1976



Norway: Direction of Trade 1976



United States: Direction of Trade 1976



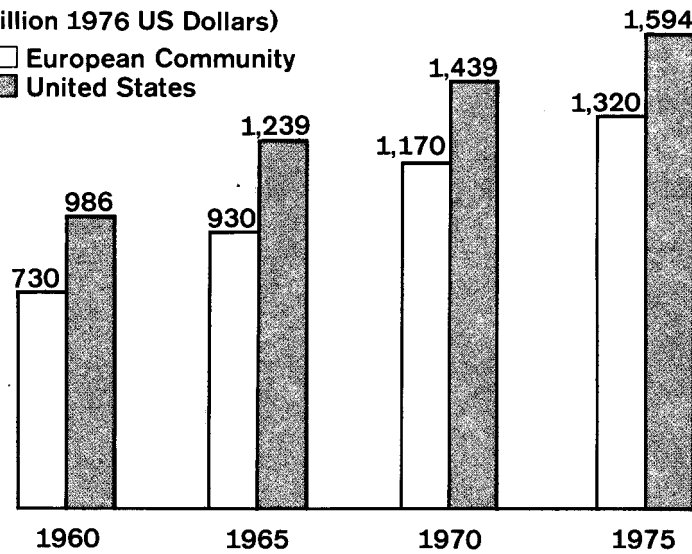
573863 9-77

Chart 1

Gross National Product

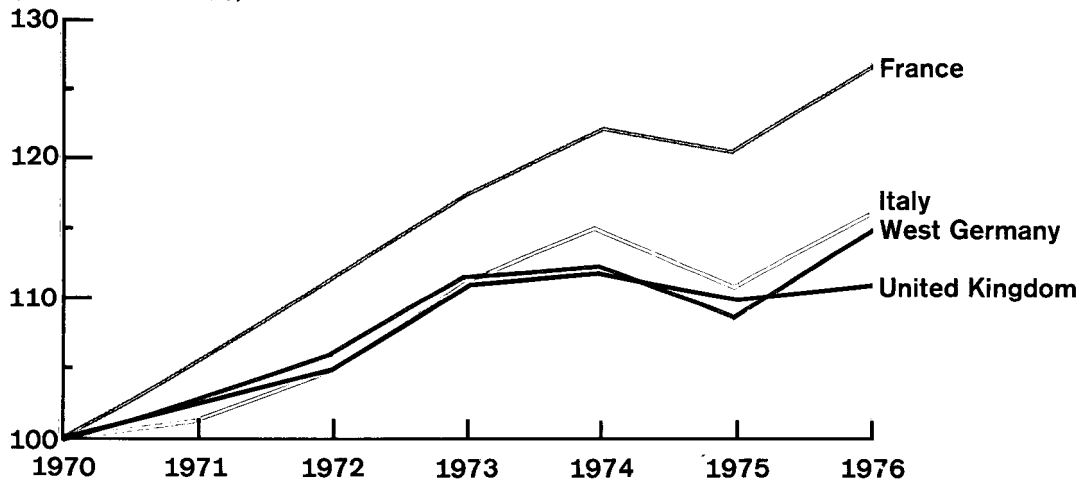
(Billion 1976 US Dollars)

European Community
United States



Real Gross National Product

(Index 1970=100)

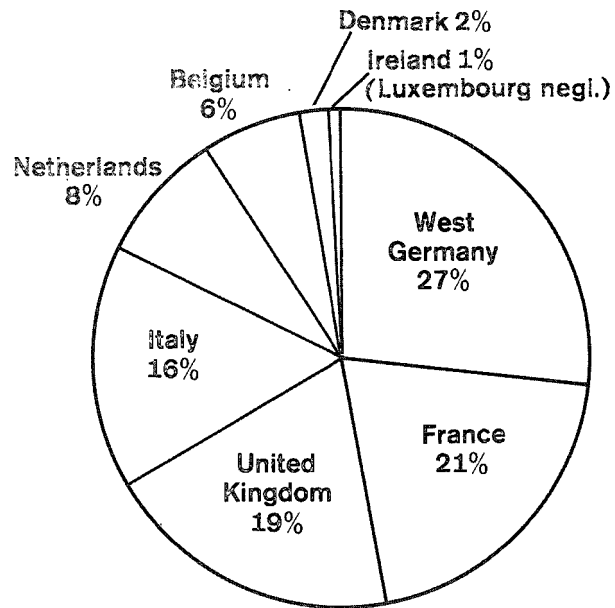


573865 9-77

Chart 2

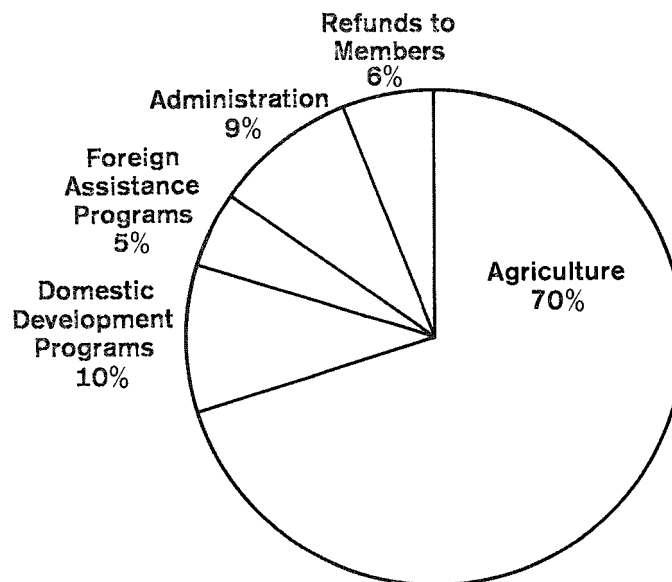
European Community: Budget for 1977

Revenue by Country



\$11.2 Billion

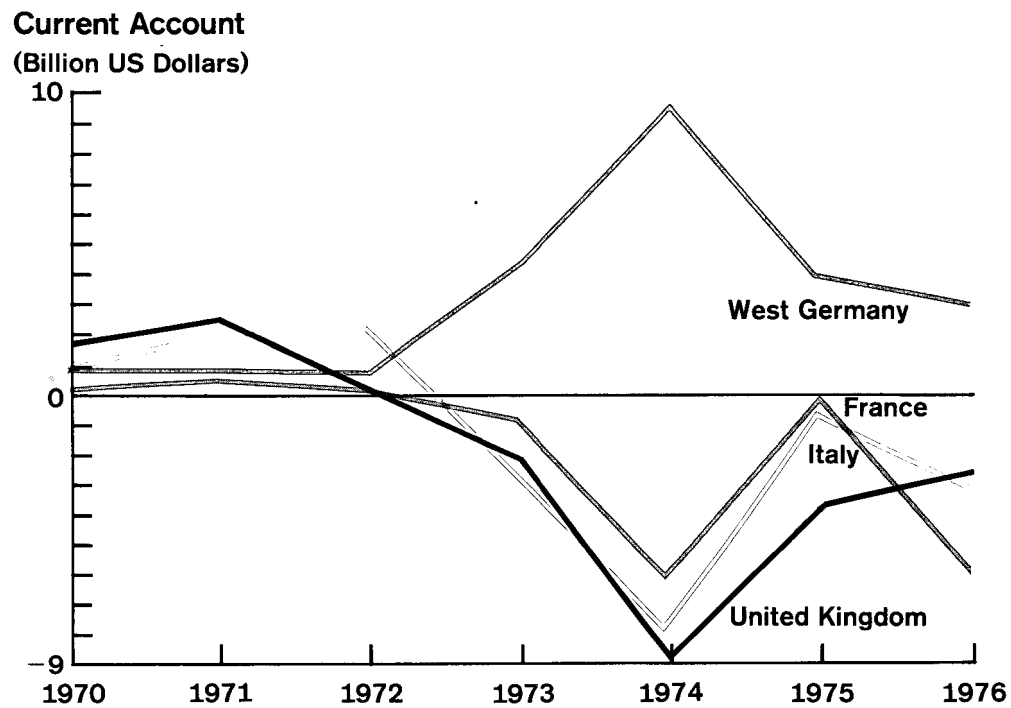
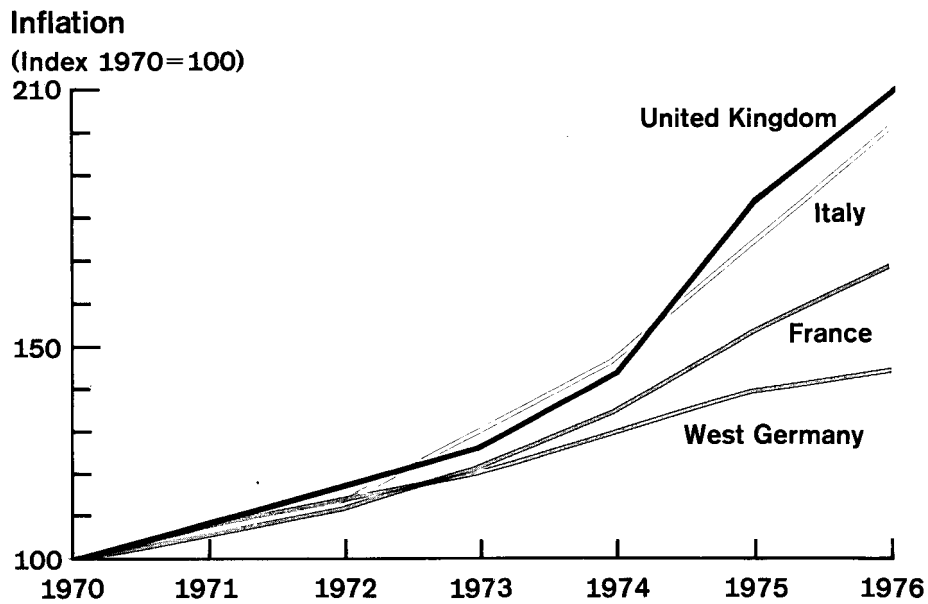
Expenditure by Category



\$11.2 Billion

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Chart 3



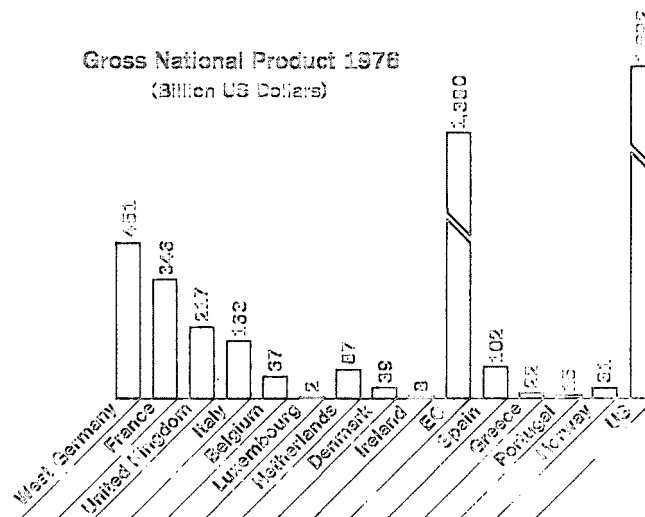
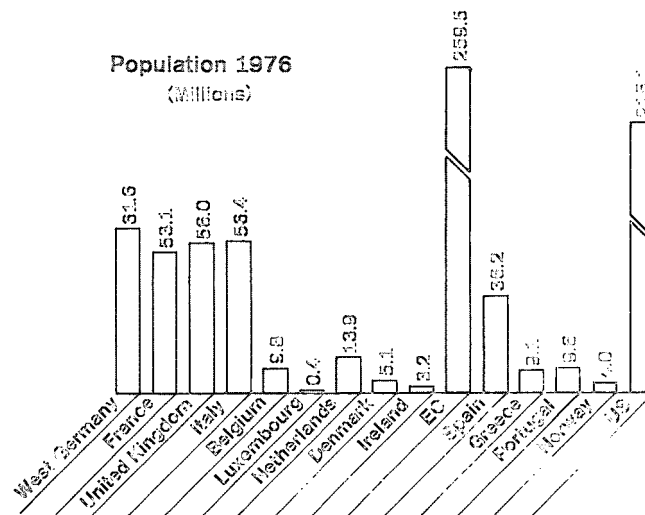
573866 9-77

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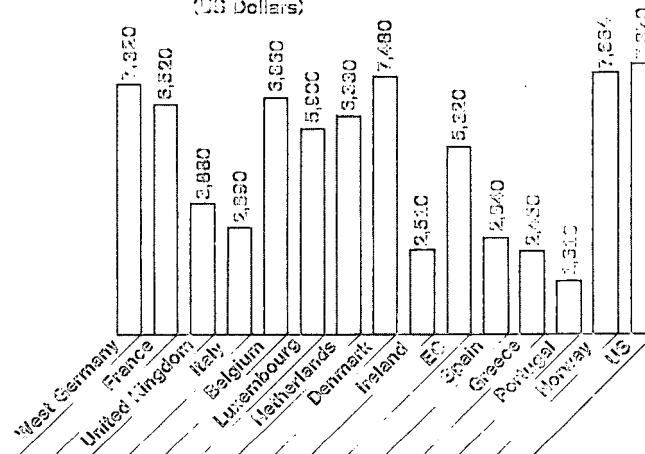
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Chart 5



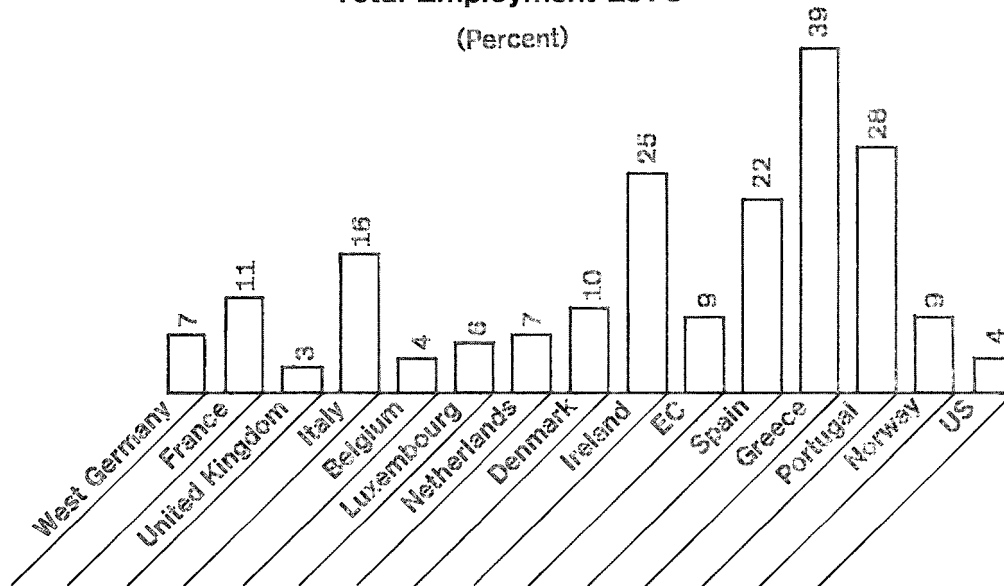
Gross National Product Per Capita 1976
(US Dollars)



573860 9-77

Chart 6

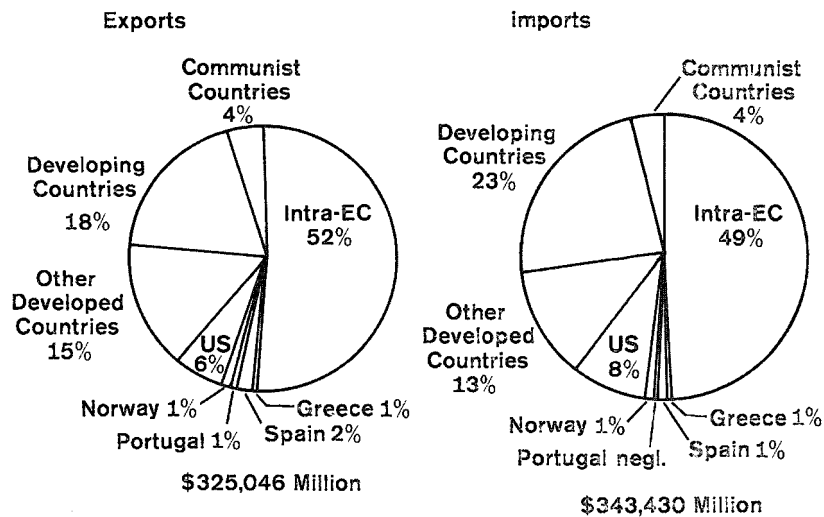
**Agricultural Workers as a Share of
Total Employment 1976**
(Percent)



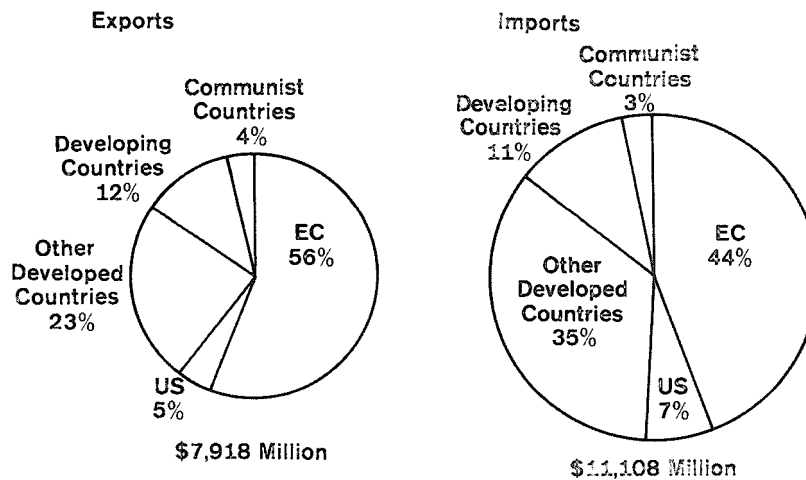
GNP by Sector of Origin 1975 (Percent)															
Agriculture	3	5	2	8	3	4	6	7	18	4	9	19	16	5	4
Industry	48	39	42	40	39	49	41	35	34	43	39	30	45	37	34
Services	49	56	56	52	58	47	53	58	48	53	52	51	39	38	62
	West Germany	France	United Kingdom	Italy	Belgium	Luxembourg	Netherlands	Denmark	Ireland	EC	Spain	Greece	Portugal	Norway	US

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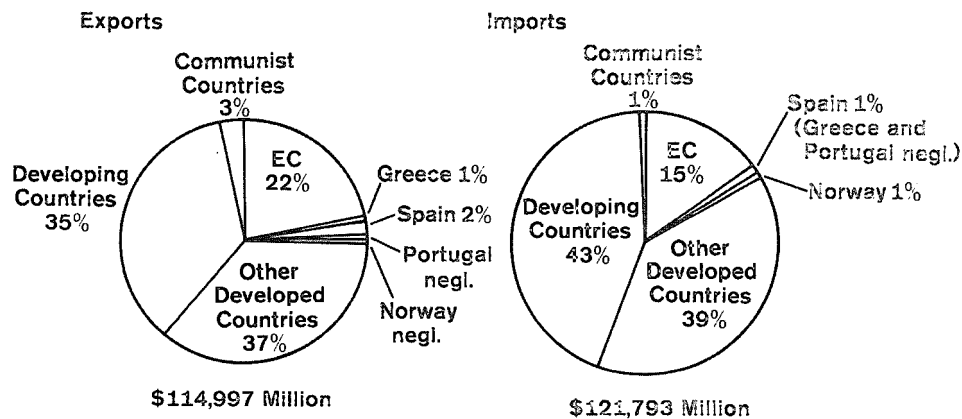
European Community: Direction of Trade 1976



Norway: Direction of Trade 1976



United States: Direction of Trade 1976



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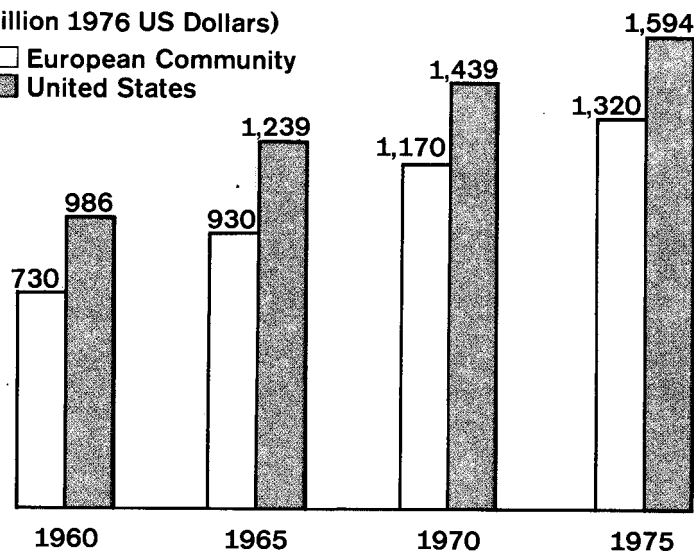
EUROPE AND THE EC

Chart 1

Gross National Product

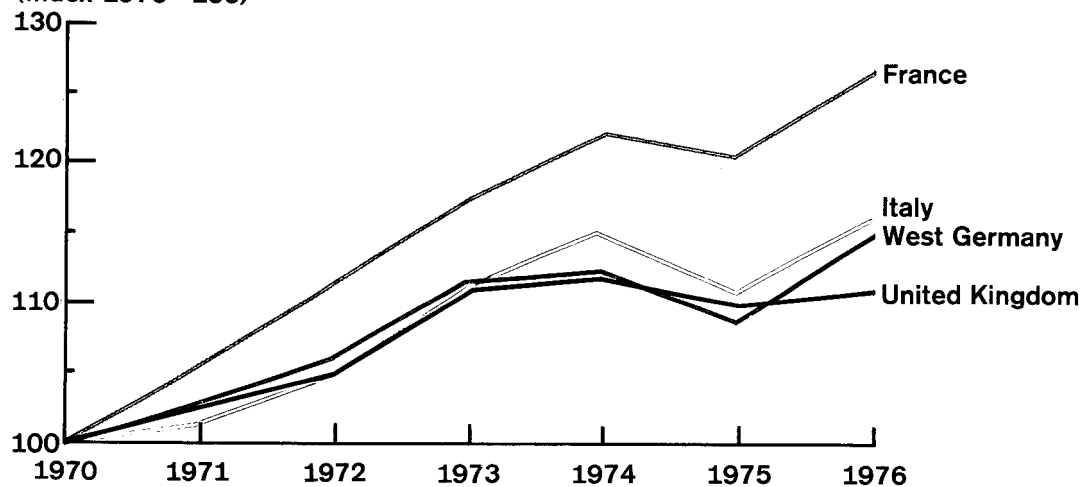
(Billion 1976 US Dollars)

European Community
United States



Real Gross National Product

(Index 1970=100)

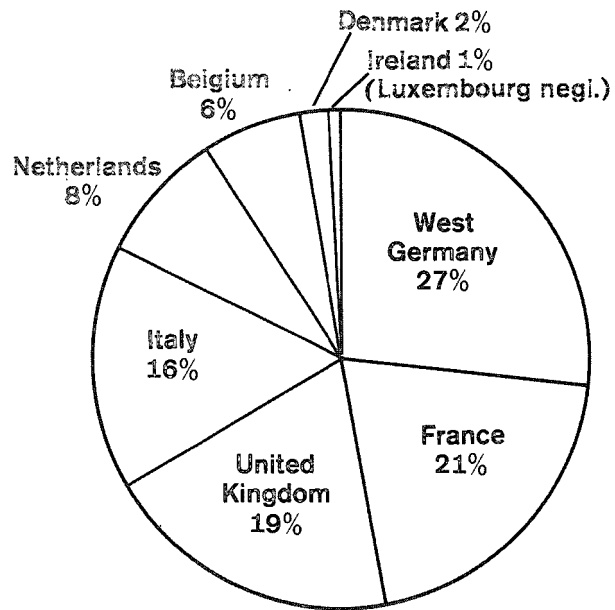


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Chart 2

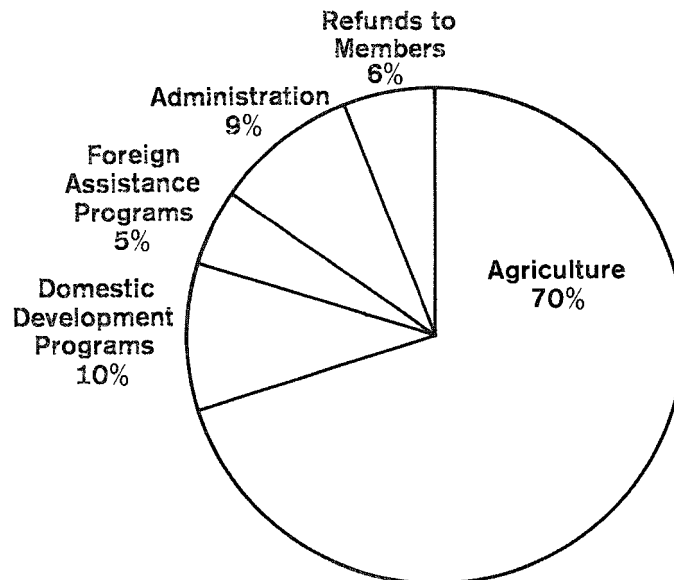
European Community: Budget for 1977

Revenue by Country



\$11.2 Billion

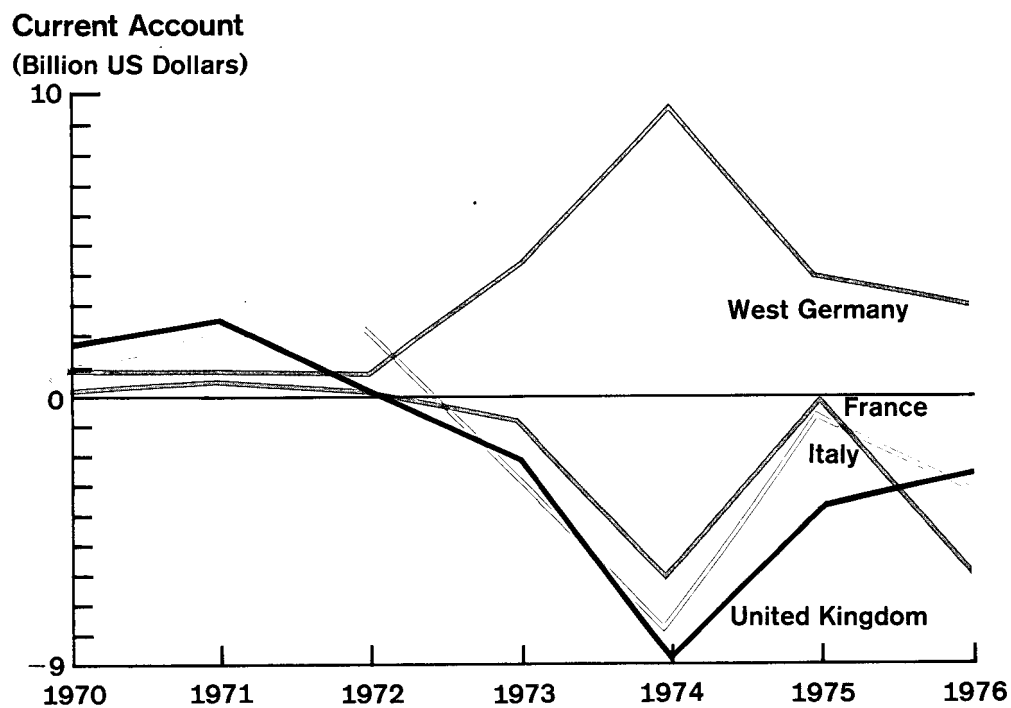
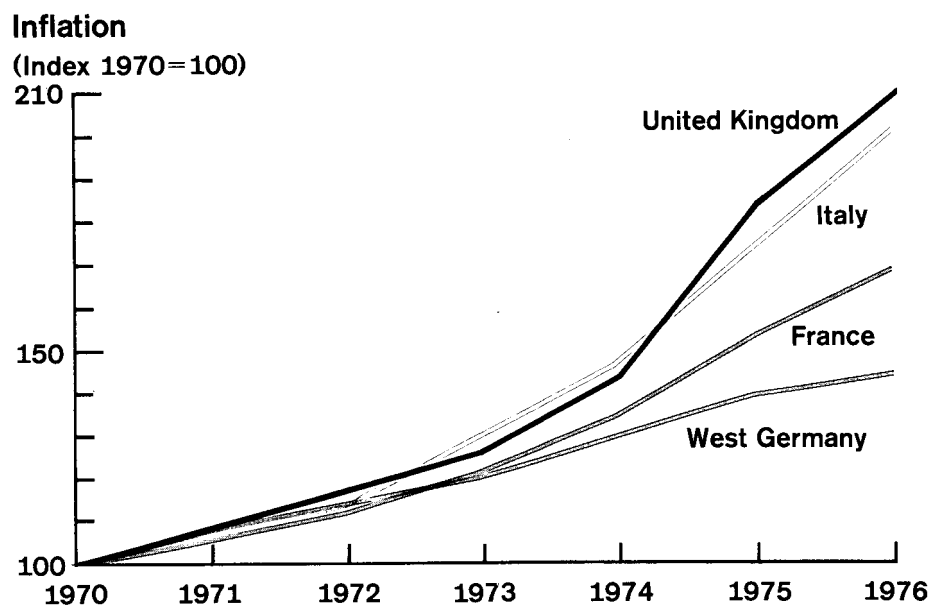
Expenditure by Category



\$11.2 Billion

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Chart 3



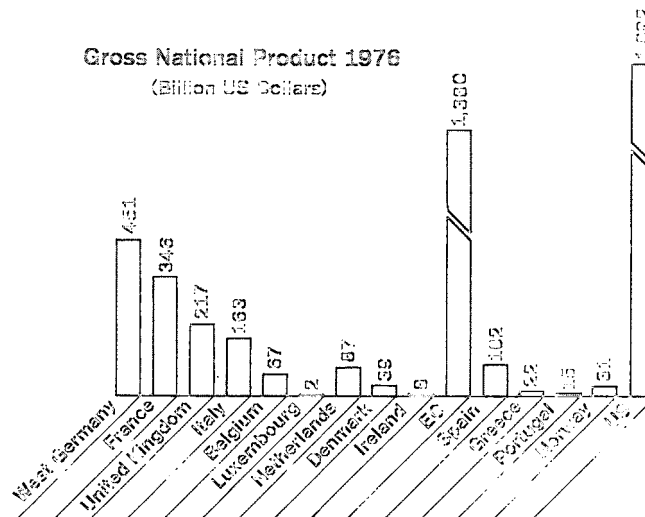
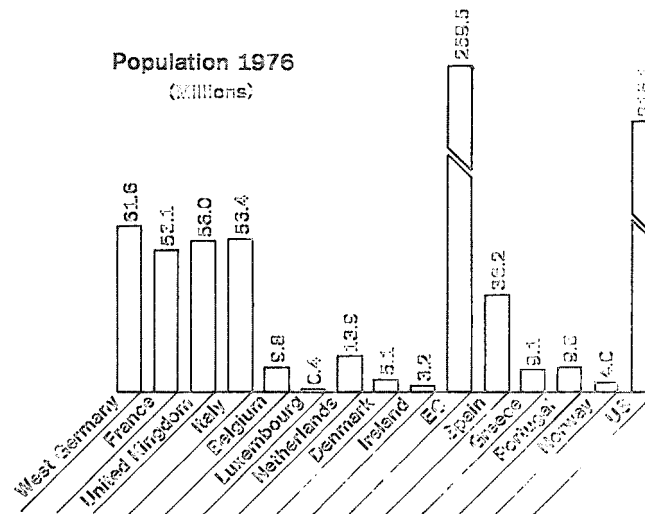
573866 9-77

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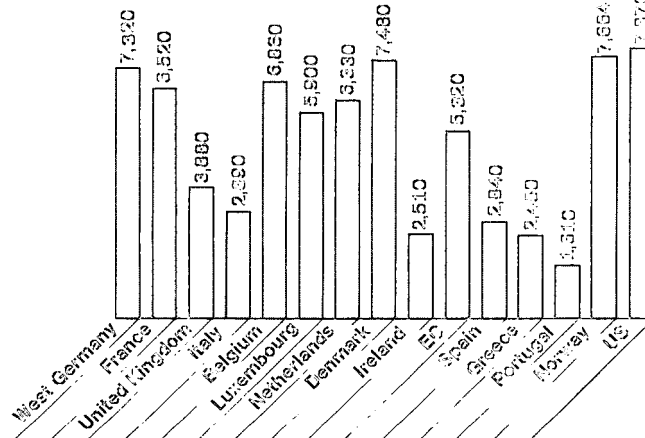
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Chart 5



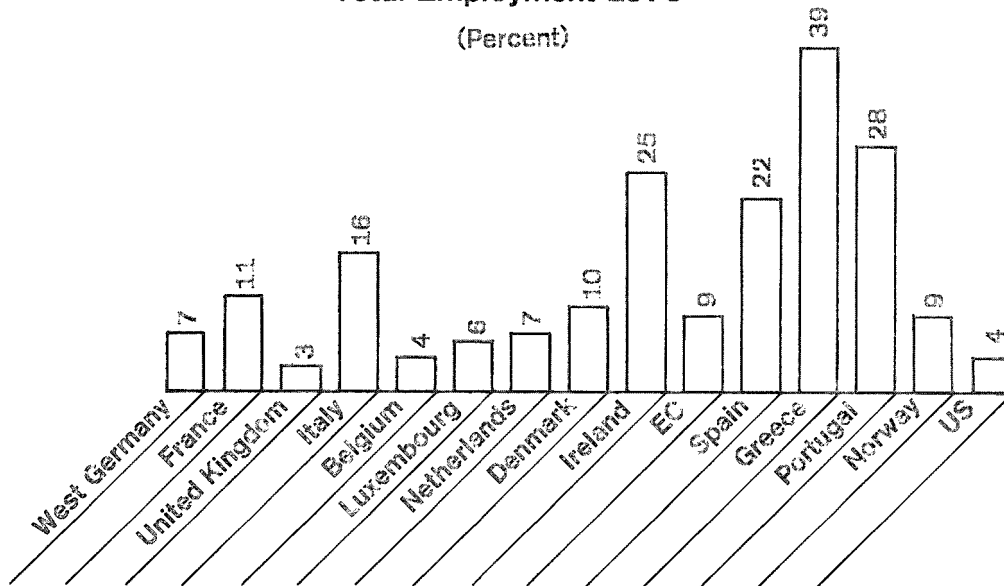
Gross National Product Per Capita 1976
(US Dollars)



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Chart 6

**Agricultural Workers as a Share of
Total Employment 1976**
(Percent)

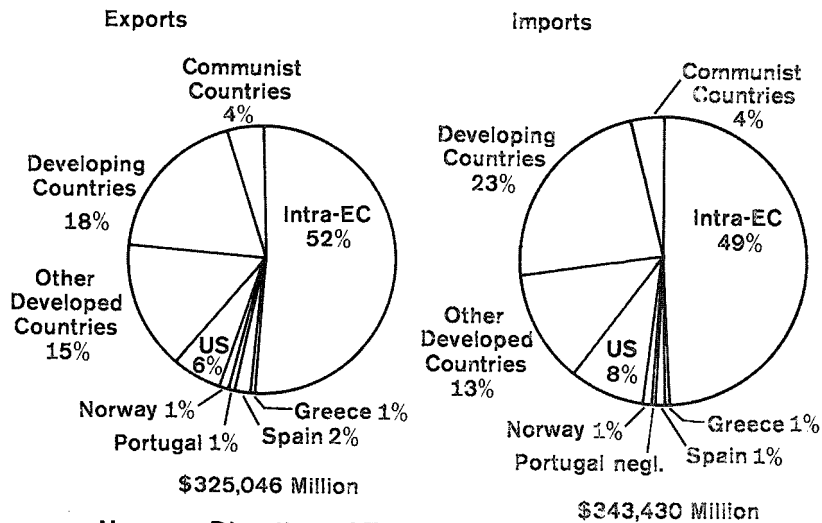


GNP by Sector of Origin 1975 (Percent)															
Agriculture	3	5	2	8	3	4	6	7	18	4	9	19	16	5	4
Industry	48	39	42	40	39	49	41	35	34	43	39	30	45	37	34
Services	49	56	56	52	58	47	53	58	48	53	52	51	39	38	62
	West Germany	France	United Kingdom	Italy	Belgium	Luxembourg	Netherlands	Denmark	Ireland	EC	Spain	Greece	Portugal	Norway	US

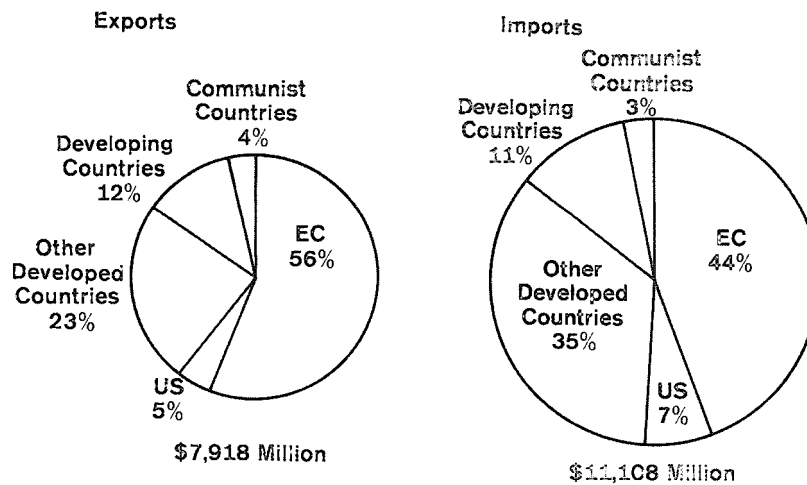
573861 9-77

Chart 7

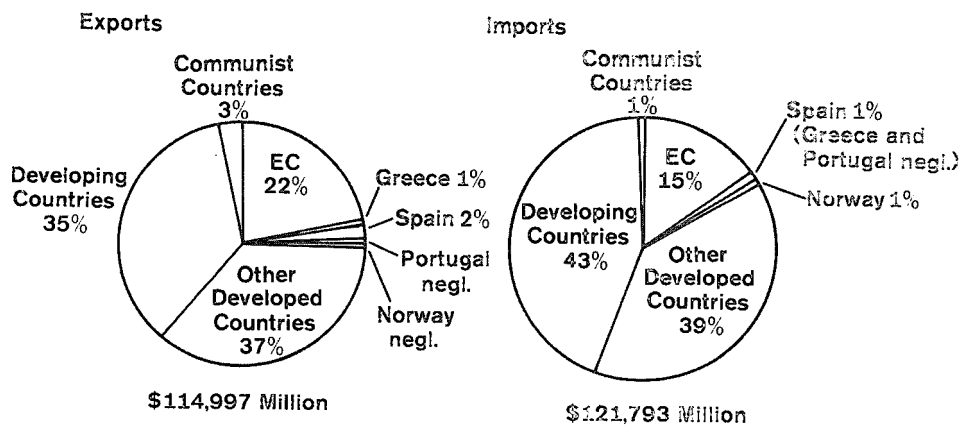
European Community: Direction of Trade 1976



Norway: Direction of Trade 1976



United States: Direction of Trade 1976



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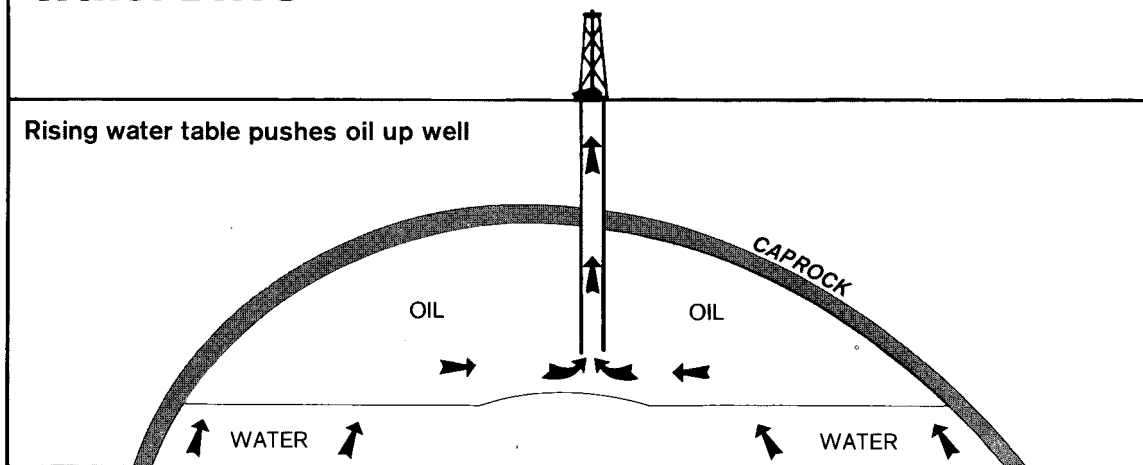
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Natural Oilfield Drives

Water Drive

Figure 1

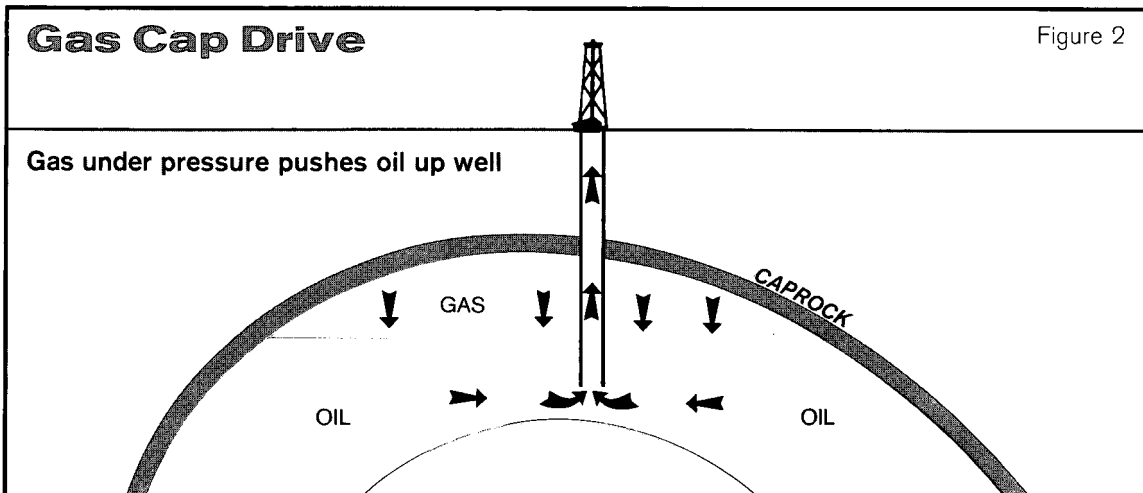
Rising water table pushes oil up well



Gas Cap Drive

Figure 2

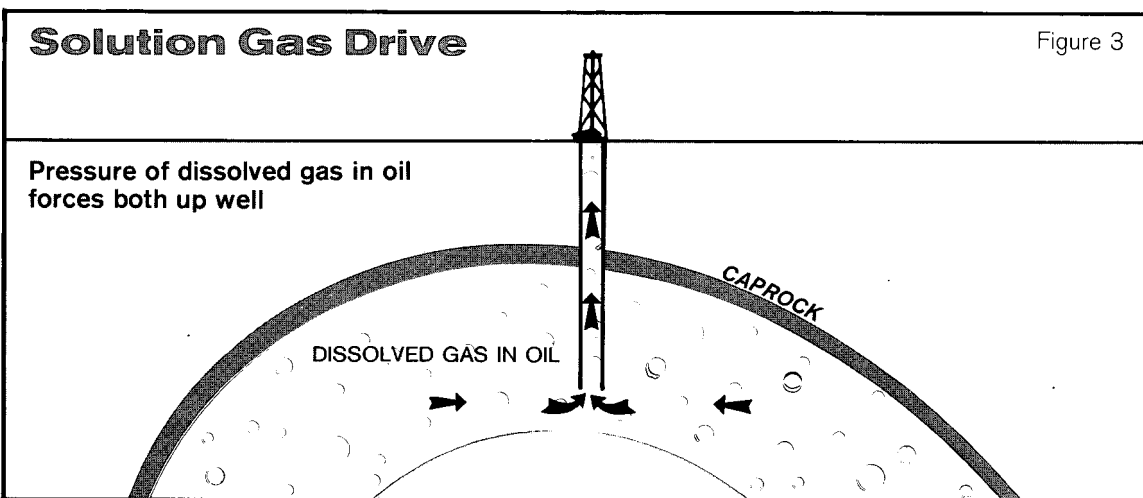
Gas under pressure pushes oil up well



Solution Gas Drive

Figure 3

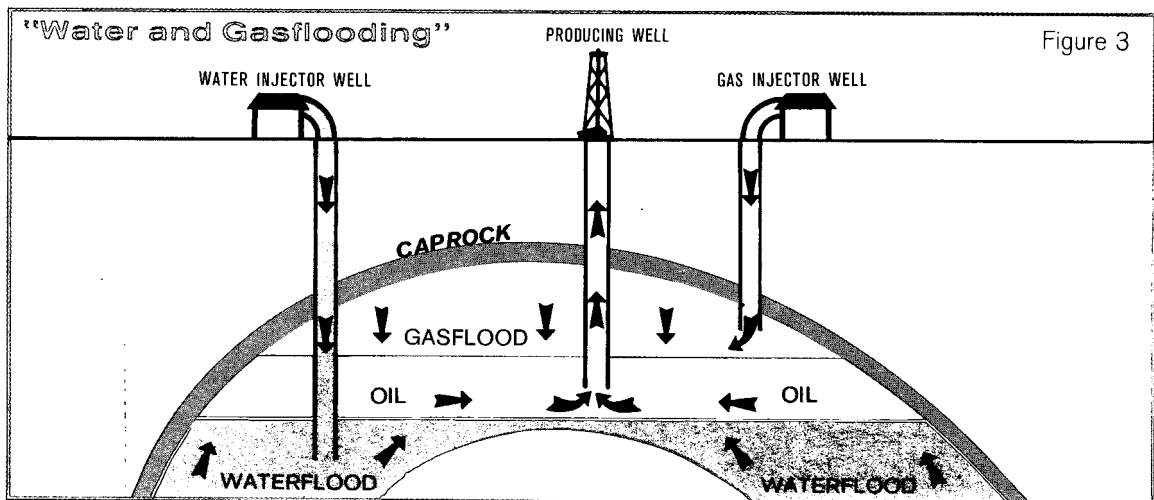
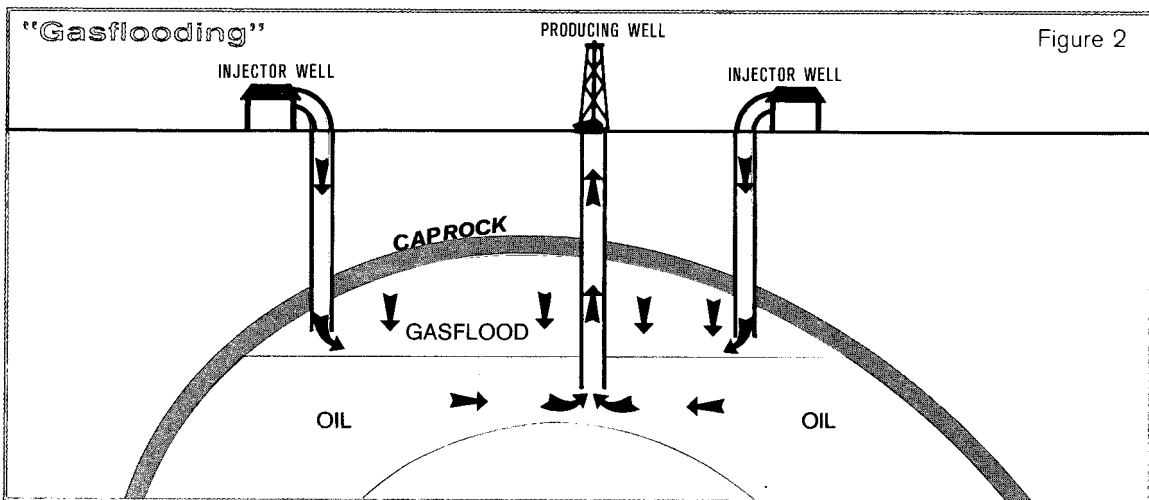
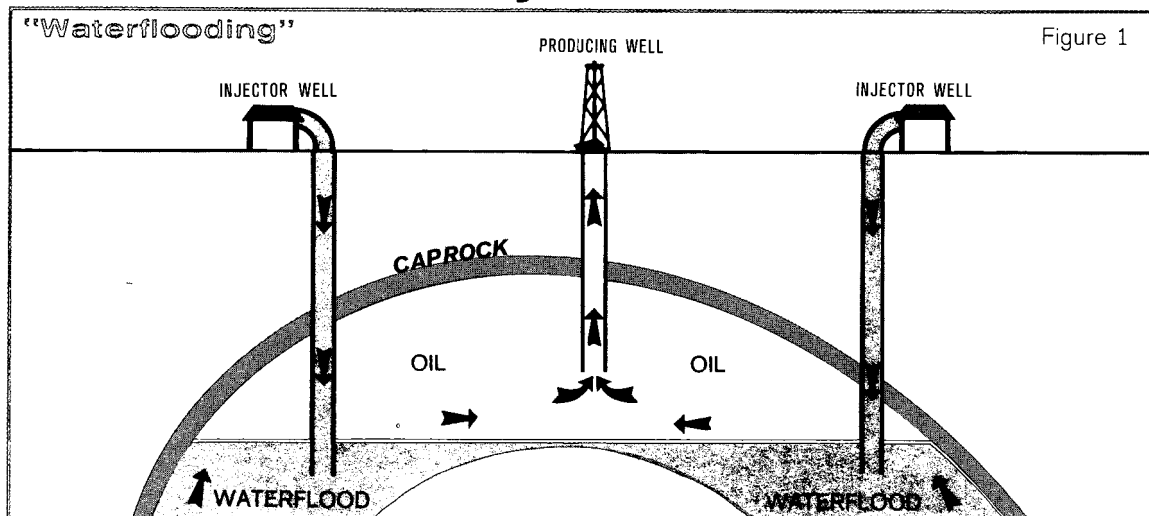
Pressure of dissolved gas in oil forces both up well



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Secondary Recovery Methods



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UNCLASSIFIED

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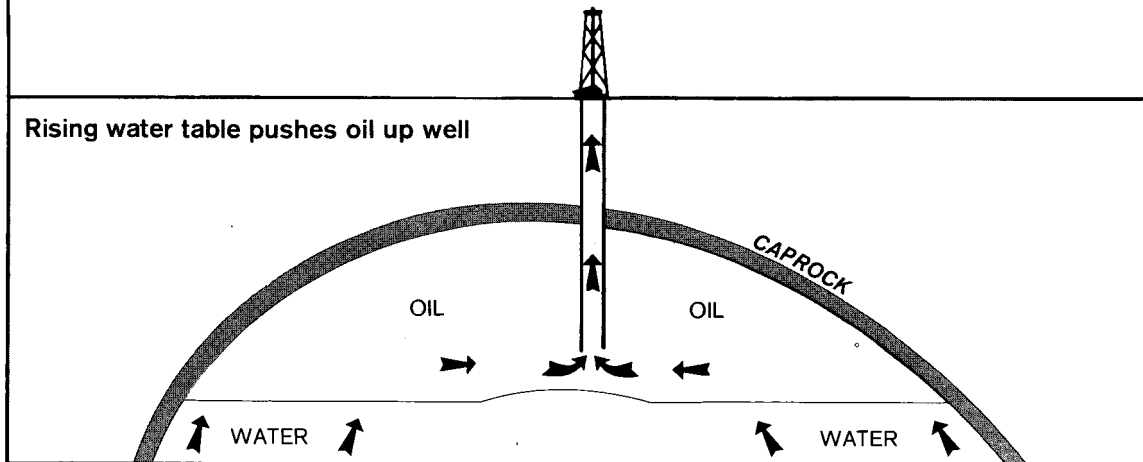
Approved For Release 2002/06/13 : CIA-RDP81B00401R002500150001-1

Natural Oilfield Drives

Water Drive

Figure 1

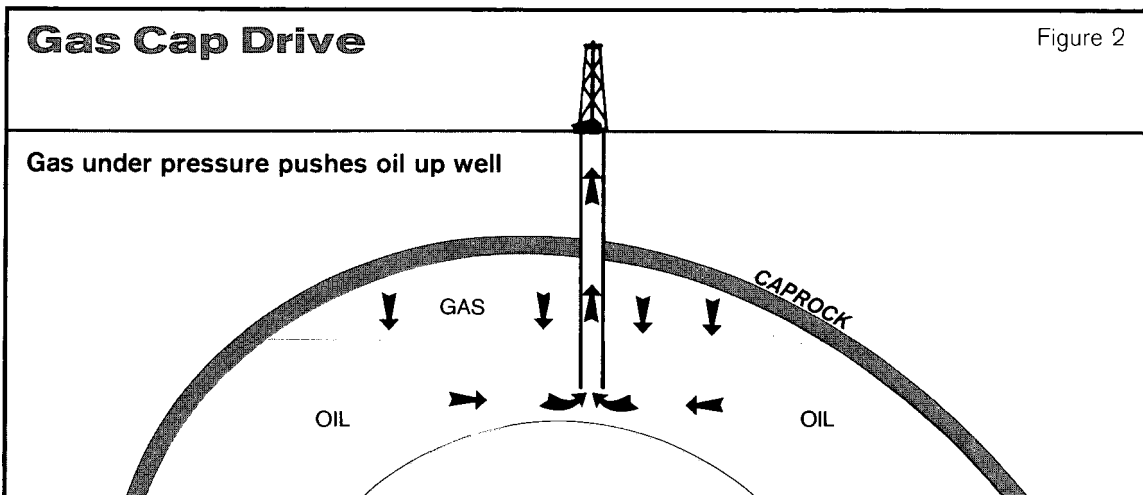
Rising water table pushes oil up well



Gas Cap Drive

Figure 2

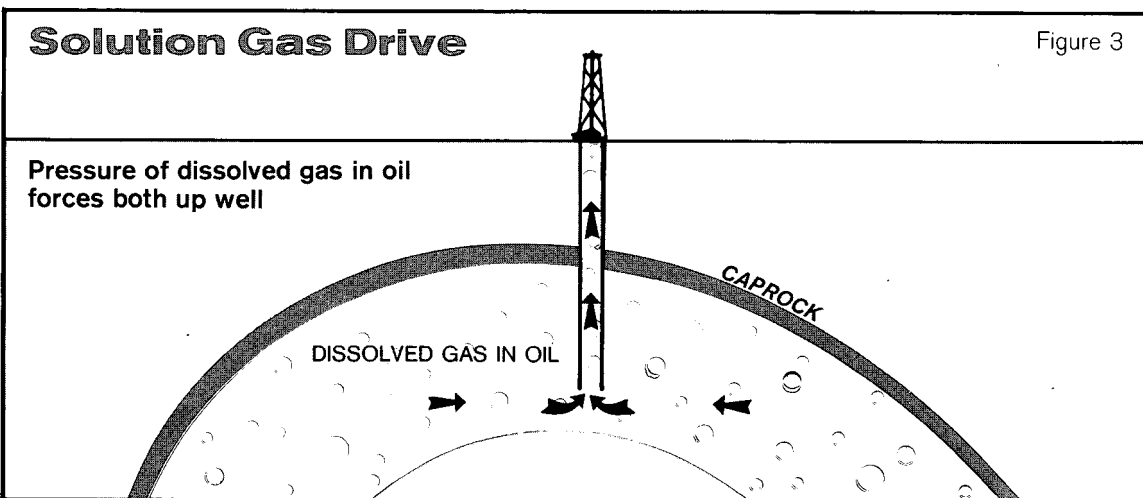
Gas under pressure pushes oil up well



Solution Gas Drive

Figure 3

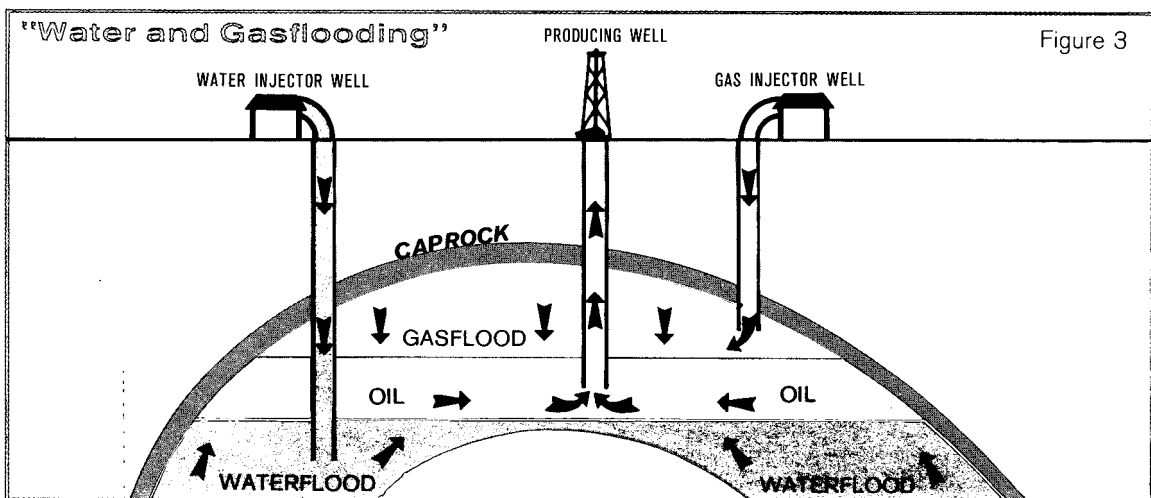
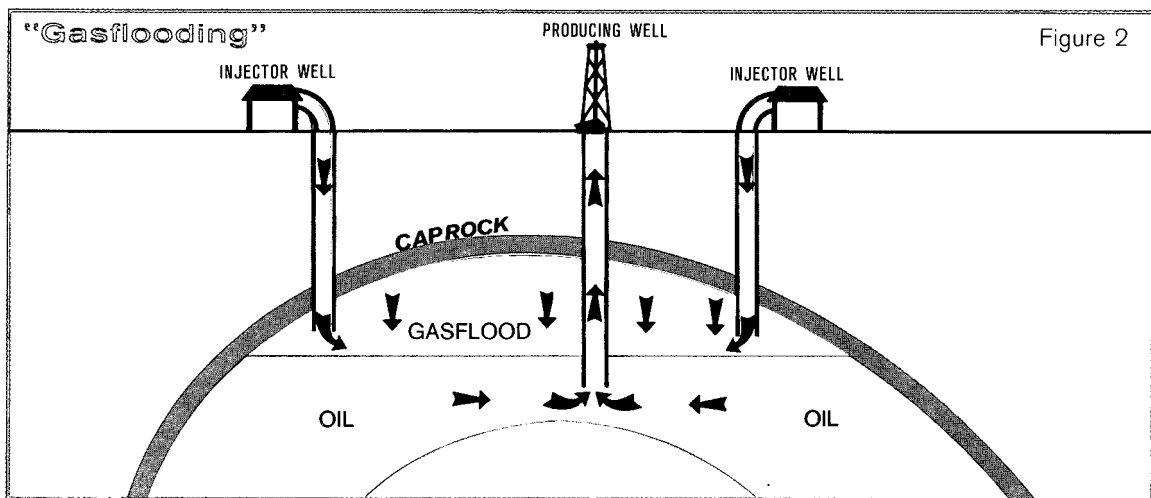
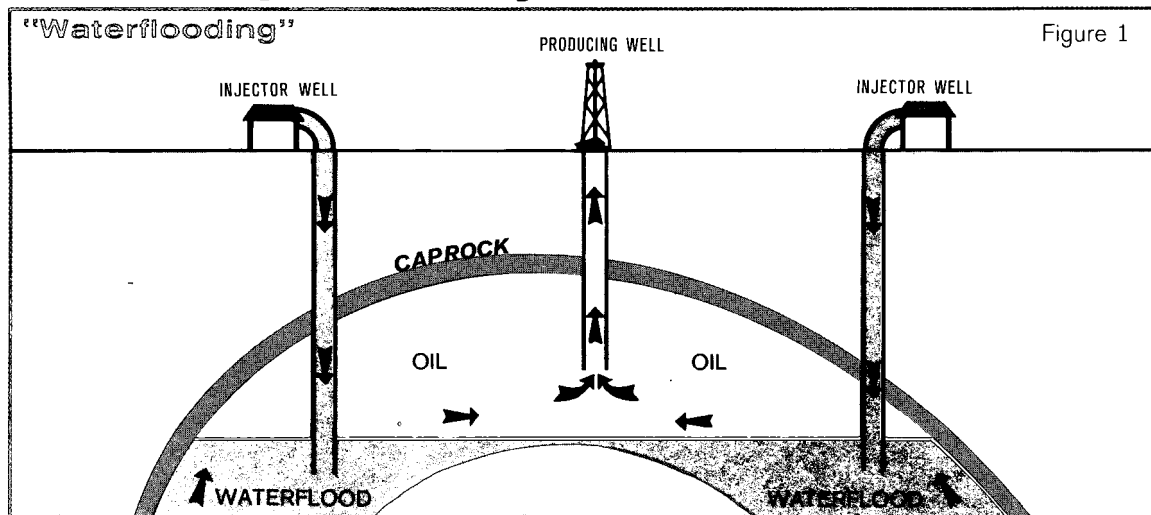
Pressure of dissolved gas in oil forces both up well



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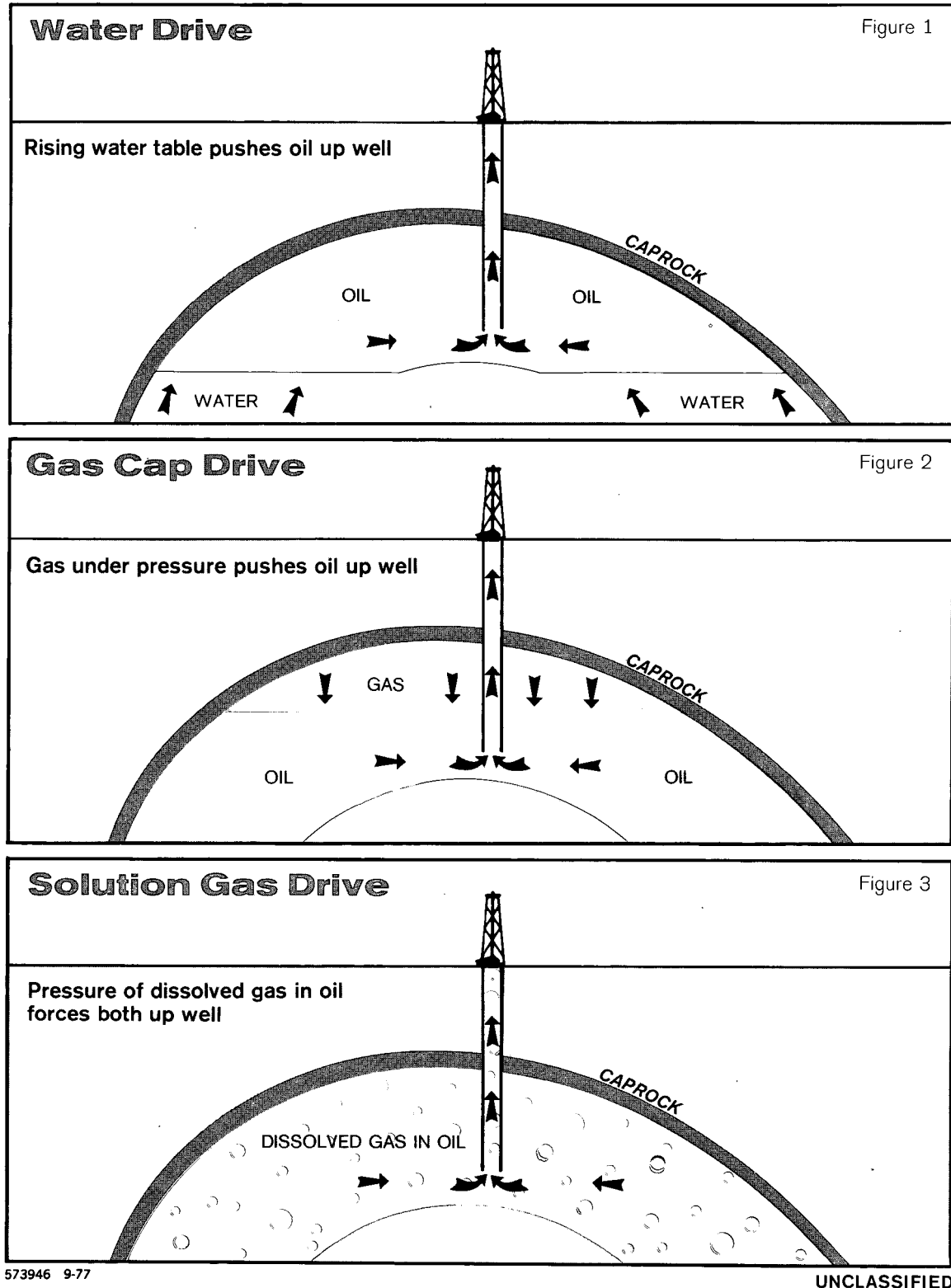
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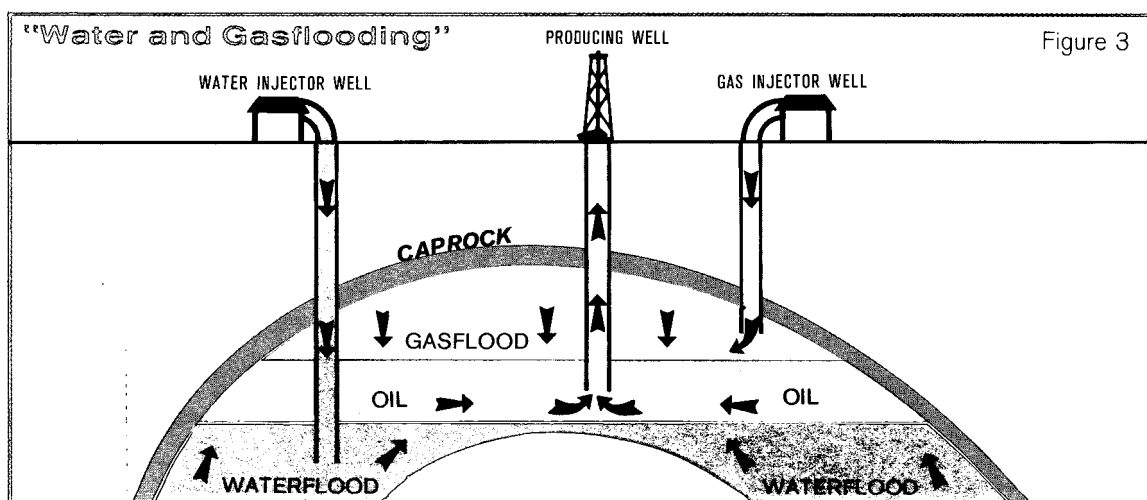
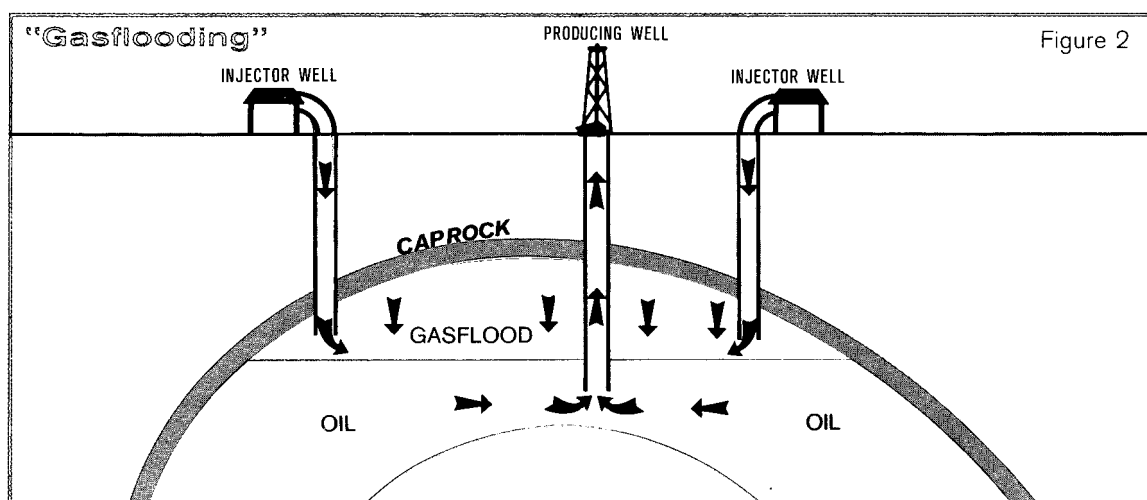
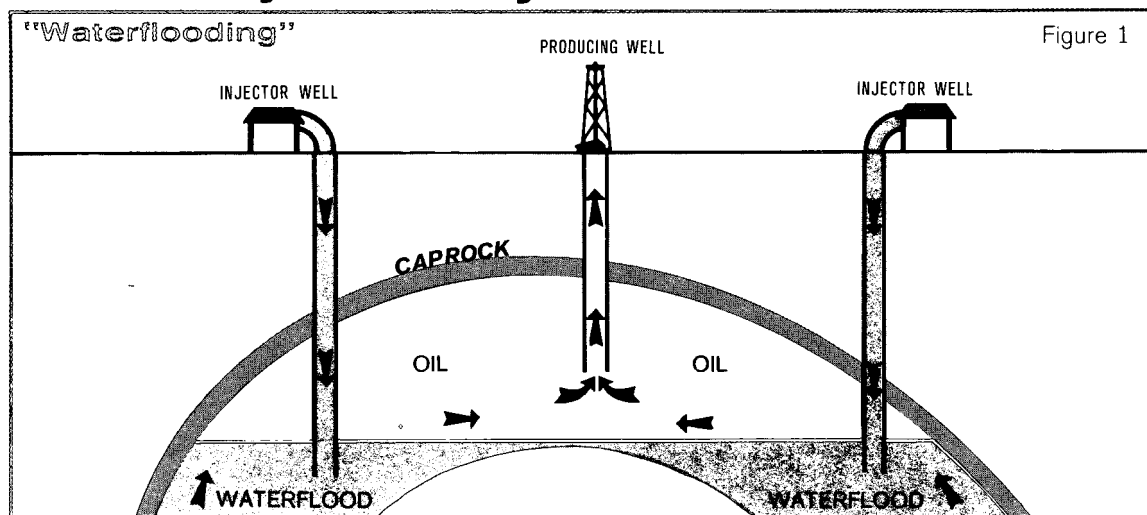
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Natural Oilfield Drives



Secondary Recovery Methods



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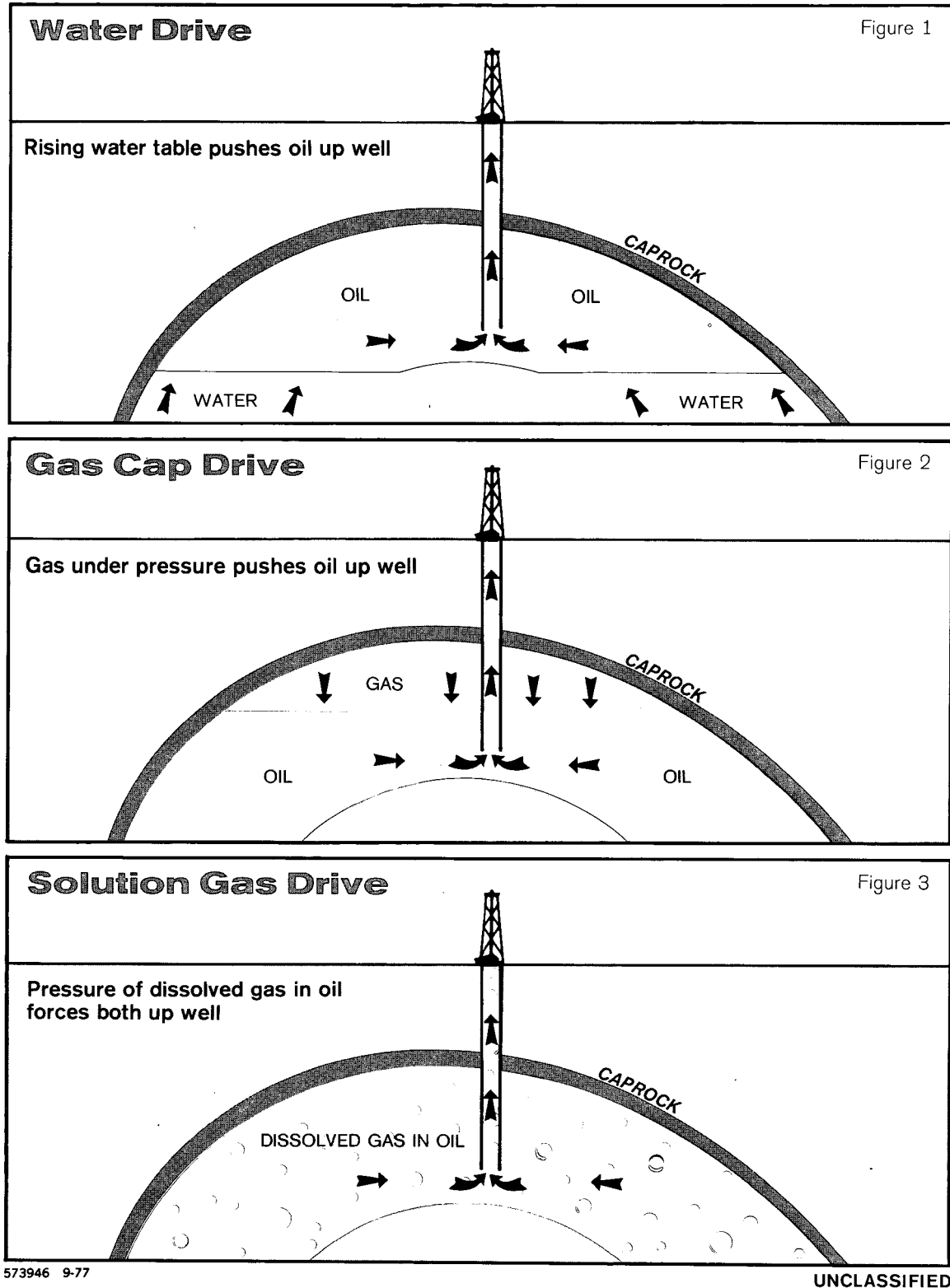
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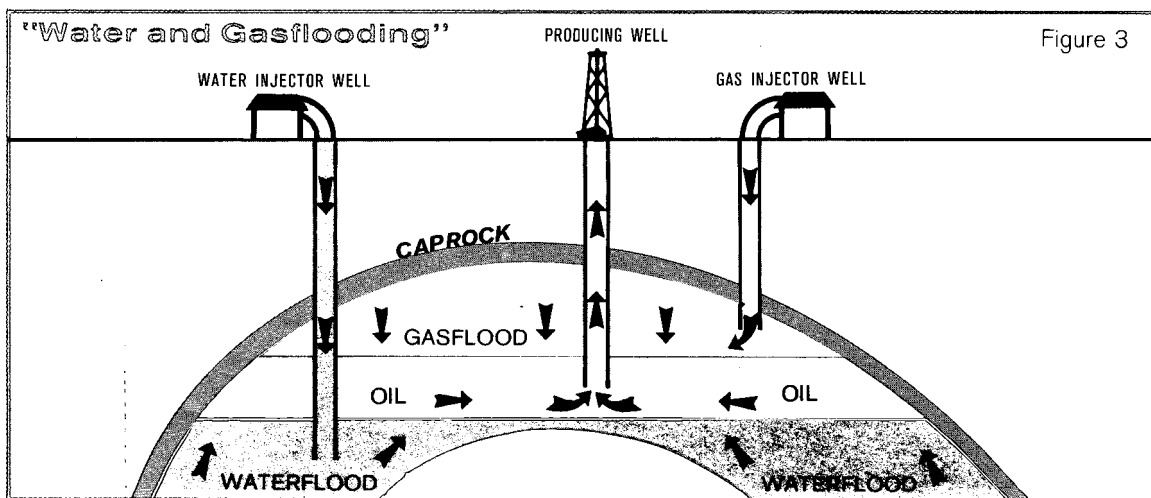
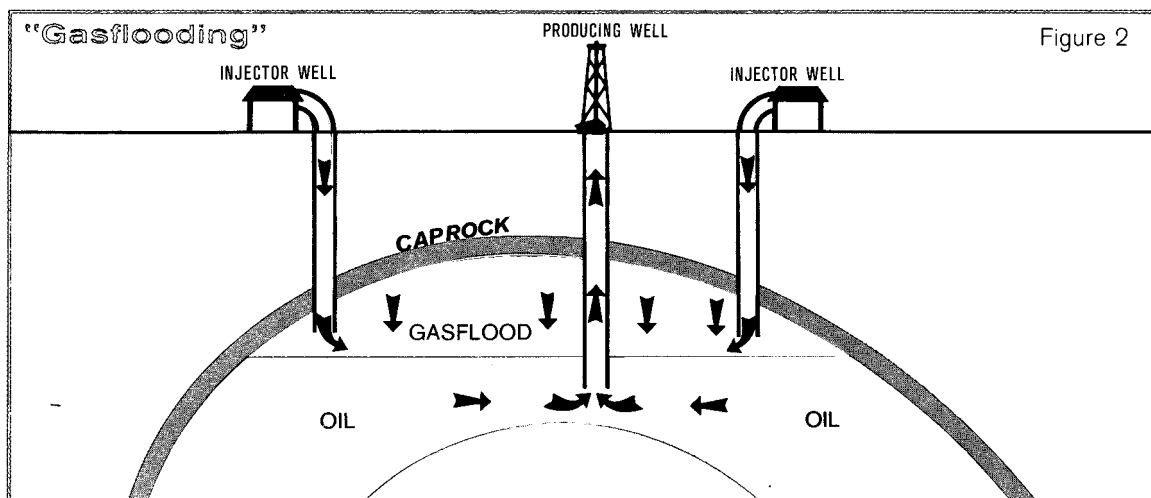
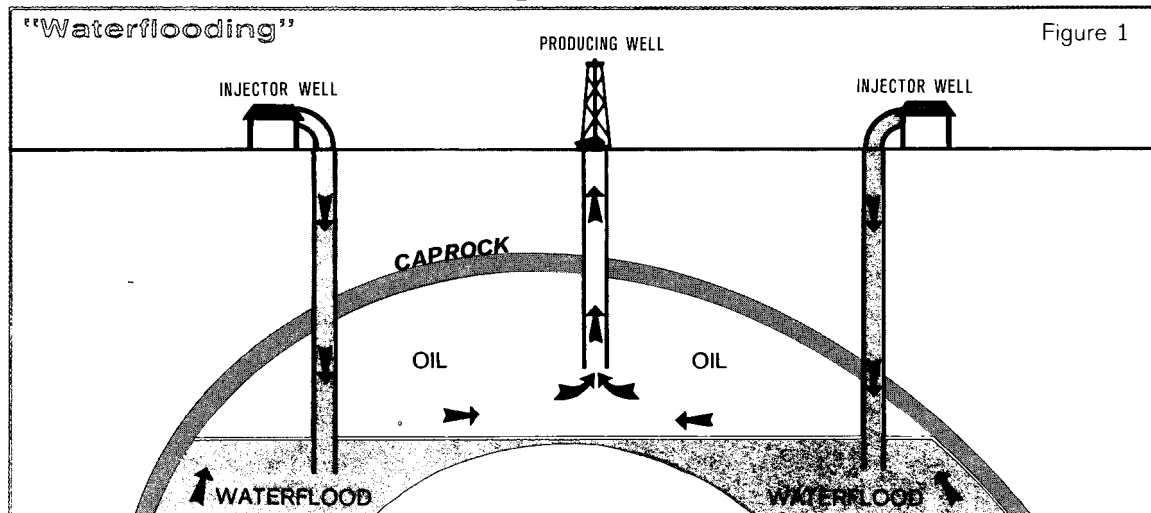
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Natural Oilfield Drives



Secondary Recovery Methods



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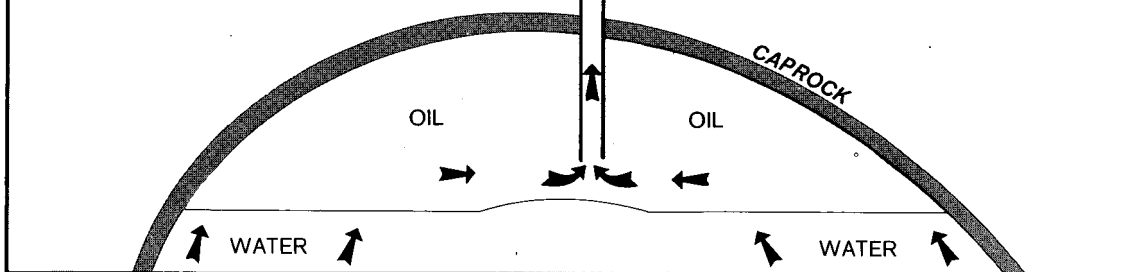
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Natural Oilfield Drives

Water Drive

Figure 1

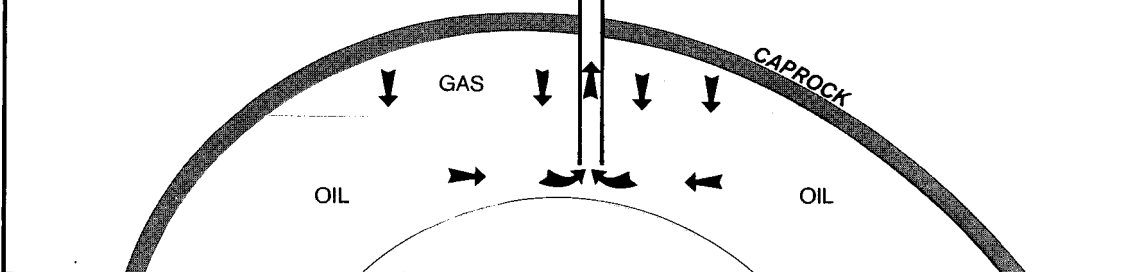
Rising water table pushes oil up well



Gas Cap Drive

Figure 2

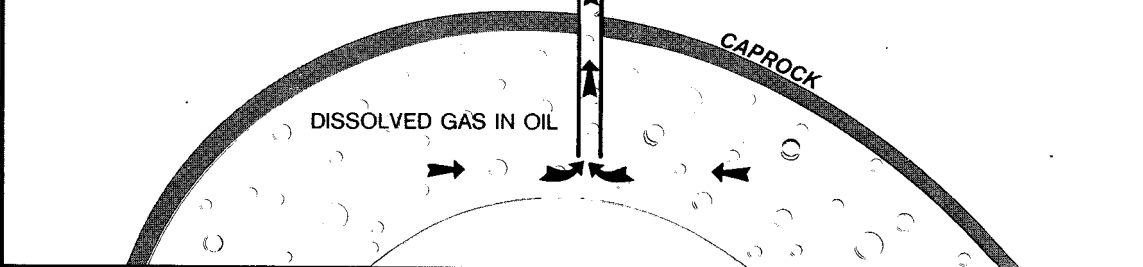
Gas under pressure pushes oil up well



Solution Gas Drive

Figure 3

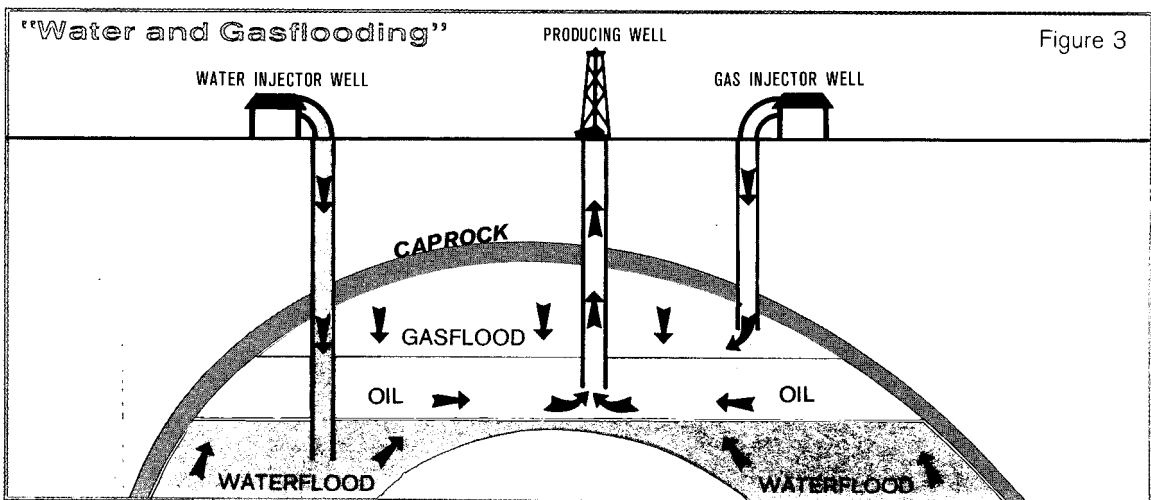
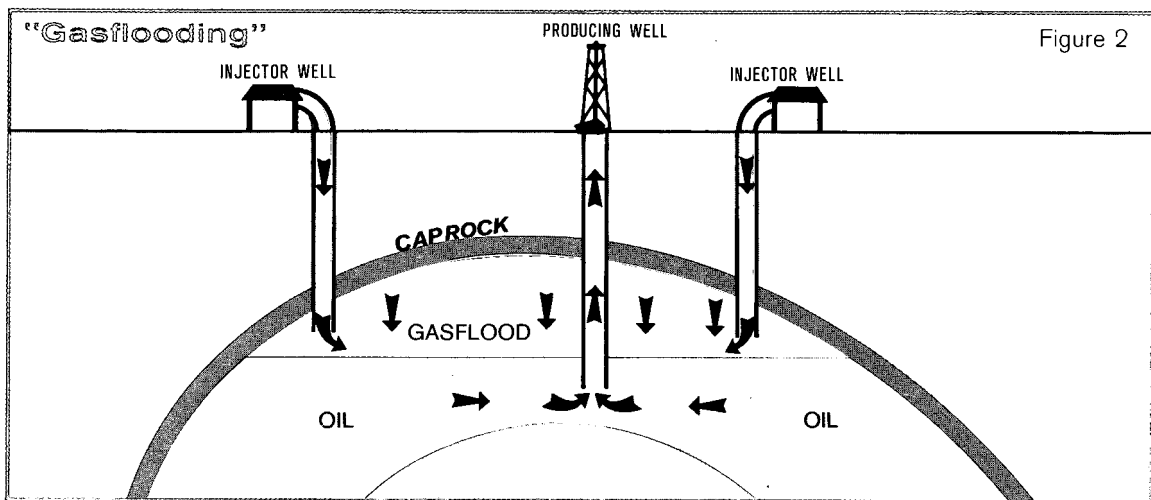
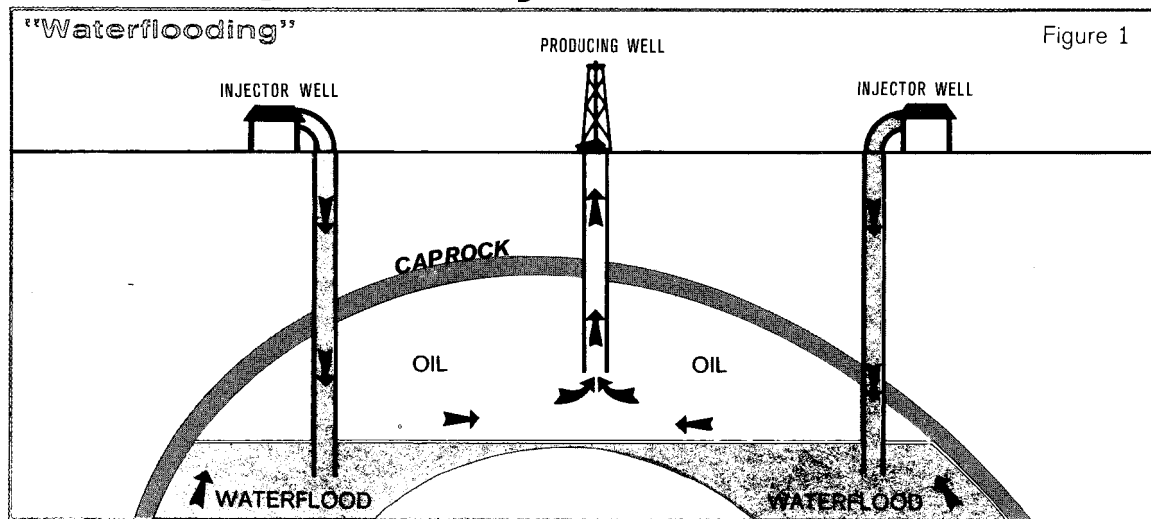
Pressure of dissolved gas in oil forces both up well



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